

Los Angeles Valley College
Department of Mathematics
Math 125, Intermediate Algebra, #1401, Spring 2016
M–T–W–Th 8:15 am → 9:25 am Room MS – 110

Instructor: Mostapha Barakat (Steve)
Office Location: MS 104F
Office hours: M → Th 10:50 am – 11:20 am
M, W 12:30 pm – 1:00 pm
M, W 3:30 pm – 3:45 pm
T, Th 12:30 pm – 2:00 pm

Email address: barakama@lavc.edu (Best way to contact me)
Phone #: 818-947-2858

Textbook: Recommended: Intermediate Algebra, 6th Edition, K. Elayn Martin-Gay
mymathlab.com, barakat87432
6 green books (blue books) 5 exams + 1 final

IMPORTANT DATES:

<u>Monday February 15:</u>	President's Day (campus closed)
<u>Friday February 19:</u>	Last day to add a class, in person.
<u>Sunday February 21:</u>	Last day to drop without a <i>W</i> (by internet only)
<u>Thursday March 31:</u>	Cesar Chavez Day (campus closed)
<u>Friday April 1 – Sunday April 10:</u>	Spring Break (campus closed)
<u>Sunday May 8:</u>	Last day to drop with a <i>W</i> (by internet only)
<u>Monday May 30:</u>	Memorial Day (campus closed)
<u>Wednesday June 1:</u>	Final Exam 8:00 am → 10:00 am

Prerequisites: C grade or better in Math 115 or Math 114; or appropriate skill level demonstrated through the math placement process.

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

- Apply Elementary Algebra concepts and techniques to more complicated problems.
- Solve a system of three linear equations in three variables using various methods.
- Solve polynomial, rational, radical, and absolute value equations and inequalities.
- Express solution sets graphically and using interval notation.
- Identify, analyze, and graph equations of lines, circles, parabolas, ellipses, hyperbolas, exponentials and logarithms.
- Identify relations and functions, find the domain and range, sketch graphs, and find inverses.
- Solve exponential and logarithmic equations and applications.

Student Learning Outcome:

Upon completion of this course, the students will:

- Think analytically at a level appropriate to Intermediate Algebra.
- Think and read critically to solve Intermediate Algebra level mathematical problems.

Attendance: Class attendance is **mandatory**. I will take attendance at the beginning of each class. In addition to that, 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. A student may be dropped from this class if:

- 1) They miss the first class meeting.
- 2) They accumulate 4 or more absences between Monday February 8 and Sunday May 8, 2016.
- 3) Three cases of tardiness or leaving during class time will be considered equivalent to one absence.

Sleeping is not allowed in class. If you sleep in the class, you will be asked to leave the class immediately and you will be marked absent for the entire session.

Drop Policy: It is solely the student's responsibility to fill out the appropriate paper work and officially drop the class by Sunday May 8 (whenever that student decides that he/she can no longer attend the course). Failure to do so will cause an "F" grade in the class.

Math Lab: located in LARC 226. One of the services offered is FREE tutoring for your math class. Students raise their hands when they want to ask a tutor for assistance.

Homework: Homework is an essential part of learning mathematics. Homework must be taken seriously as it will help you prepare for the exams and final. I will spend the first 10 – 15 minutes of each class session answering homework questions. Please see me outside of class to answer any questions that were not answered in class. Homework will be assigned daily. You are expected to work on homework daily.

Late homework will not be accepted for any reason.

Mathematics is not a spectator sport, so you have to do the work!

Homework will count for 10% of the final grade.

Exams: There will be 5 exams during the spring semester 2016. **No make-up exams will be given for any reason(s).** All exams are closed books and notes. The scores will count for 60% of the final grade.

Final: The final will be comprehensive on Wednesday June 1, 2016. The final exam score will count for 20% of the final grade. If the percentage of the final exam is higher than the percentage of the lowest exam then the higher will replace the lower.

Binder: A 3 parts binder will count towards 10% of the final grade.

Part 1: Syllabus, Dated Class notes (Day and date).

Part 2: Written solution to on-line Homework, neat, clean, clear, and detailed.

Part 3: Graded Exams followed by exams solutions.

Calculator: The use of a **regular scientific non-graphing** calculator during exams and/or the final will be allowed. The only device that will be allowed to use as a calculator during the exams/final is a **regular scientific non-graphing** calculator.

Study groups: Study groups can be very effective. I encourage you to get to know other students in the class. You can assist each other in understanding how to do the homework, provide information, study for tests together, etc.

Adult content:

Please be advised that you have enrolled in a college-level course. The content of the course, and the discussions surrounding the lessons, may contain controversial, sexual, religious and political content, or otherwise thought-provoking topics. Your instructor reserves the right to edit inappropriate language that may appear in this course.

Academic Honesty: Dishonesty will not be tolerated. Cheating will result in a zero score on the exam and may result in expulsion from the class and/or college.

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, and Standards of Student Conduct.

Cell Phones and Text Messaging: Please turn off or silent (not vibrate) all phones before coming to class. No text messaging, no MP3's, no iPods', and no hand-held video games while class is in session. Class time is for learning mathematics, not for personal communication or entertainment.

SSD Students: To make arrangements for special accommodations that have been recommended by SSD for students with disabilities, please contact the instructor.

Financial Aid:

The Office of Financial Aid at Los Angeles Valley College is open year round to assist with the application, processing and delivery of federal, state and other sources of aid.

(818) 947-2412
financialaid@lavc.edu
M – Th 8:00 am – 2:00 pm & 4-7pm
Friday 8:00 am – 2:00 pm

Food and Drink policy:

- 1) "Students are not allowed to eat or to bring open food containers into the classroom.
- 2) Students are not allowed to bring open liquid containers into the classroom. You can bring coffee with a lid, but one spill incident will result in "no coffee with lid" in the classroom subsequently.
- 3) Do not leave trash in the classroom. Throw out your trash in the trash bins in the hallway. However, throw out any food or food containers in the trash bins outside of the building.
- 4) No gum chewing is allowed in the classroom. Gum should be thrown in the trash bins, not deposited under the desks or chairs."

Grading:

Homework	10%	
Binder	10%	
Exams	60%	
Final Examination	20%	
Total	100%	

Total Points	Grade
90% - 100%	A
80% - 89.99%	B
70% - 79.99%	C
60% - 69.99%	D
< 60%	F