



Los Angeles Valley College
Mathematics 114
Elementary Algebra (3 Units)
Spring 2016

Section#: 3313

Class Hrs: 6:50pm-10:00pm

Room: MS109

Instructor: S. Papisyan

Drop-in Hrs: MS 112 W 6:00pm-6:45pm

Email: papisys@lavc.edu

COURSE INFORMATION

Catalog Description: This course covers the second half of Math 115. The course reviews factoring, and covers rational expressions, introduction to graphing linear equations in two variables, solving systems of linear equations, roots and index 2 radicals, and methods of solving quadratic equations. Math 113 and 114 together are equivalent to Math 115. Credit is allowed in only one of Math 115 or the Math 113/114 combination. Concurrent enrollment in Math 113 and 114 is not permitted.

Student Learning Outcomes: Upon completion of this course, Students will be able to think analytically and read critically to solve elementary algebra level mathematical problems.

Textbook: Elementary Algebra 8th Ed. By Angel

You may use the MyMathLab package that comes with the book for HW. Course ID: [papisyan22106](#)

Prerequisite: A grade of C or better in Mathematics 113 or appropriate skill level demonstrated through the math placement process.

Important Dates: Last day to Add or Audit— Tuesday, 2/19/2016;

Drop classes without receiving a “W” — Sunday, 2/21/2016;

Drop classes with a “W” — Sunday, 05/08/2016.

COURSE COMPONENTS & GRADING

Calculator: The use of a calculator is not allowed during class, exams and/or the final.

Homework: will be assigned daily, and it is expected to be done daily. You should have a separate notebook just for this purpose, different from your lecture notebook. Organize your work and label them clearly by section number. Homework notebooks will be collected on exam days at the beginning of the exam and I will check and grade your work only for completeness. You can ask homework questions in class, consult me during posted office hours to receive individualized help or you can drop by at **Math Lab in LARC 226** for FREE tutoring services. **No Late Homework will be accepted under any circumstances.** Your homework knowledge is tested via quizzes.

Quizzes: There will be **weekly quizzes** administered at the beginning of the class. The lowest two grades will be dropped. **No makeup quiz will be given under any circumstances.** Quizzes are designed to test your knowledge of the homework that has been assigned the week before.

Exams: There will be **5 exams** already scheduled on the calendar. Your lowest score will be dropped. **There are no makeup exams.**

Final Exam: The Final Comprehensive Exam is on **Wednesday, June 1st 7pm-9pm**. The final exam is an accumulation of all the homework, review sheets and tests throughout the semester so it is imperative that you learn from your mistakes by reviewing the graded tests carefully.

Possible Points & Grading Scale:

Homework	10%	A	90-100%
Quizzes	25%	B	80-89%
Exams	35%	C	70-79%
Final Exam	30%	D	60-69%
		F	59% and below

CLASS POLICIES

Attendance Regulations: The only students who may attend classes are those who have been admitted to the college and are in approved active status. Students are expected to attend every meeting of all classes for which they are registered. Violation of this regulation may result in exclusion from class as specified in Administrative Regulation E-13. Provisions of Administrative Regulation E-13 include the following:

1. Students who have registered for a class and who do not attend the first meeting of the class forfeit their right to a place in the class. Special circumstances may be considered by the instructor.
2. Whenever absences in hours exceed the number of hours the class meets per week, the instructor will consider whether there are mitigating circumstances which may justify the absences. If the instructor determines that such circumstances do not exist, the instructor may exclude the student from the class.
3. Three cases of tardiness may be considered equivalent to one absence.
4. It is the student's responsibility to consult with an instructor regarding any absences that would alter the student's status in the class. Students enrolled in a course who fail to attend the first class meeting may be dropped from the course by the instructor. Students who will miss the first class meeting must advise the instructor of the absence prior to the first class meeting in order to be assured that they will remain enrolled in the class. Students are ultimately responsible for dropping the class should they choose to do so. Failure to do so may result in a grade of "F" in the class.

Student Conduct: Students are expected to adhere to all district policies as described in the LAVC Schedule of Classes. All cell phones should be **turned off or set on silent mode**. You are expected to demonstrate respect and consideration towards your peers and instructor. **Students who use the cell phone or students who persist in talking during the lecture may be removed from the class for that day.**

Plagiarism and Academic Dishonesty: 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. For further information on plagiarism, go to the Writing Center website (<http://www.lavc.edu/writingcenter/handouts/plagiarism.html>) and refer to the STANDARDS OF STUDENT CONDUCT AND DISCIPLINARY ACTION in the current Schedule of Classes and Catalog.

Tutoring Lab: Students are encouraged to seek help at the Math Tutoring Lab in LARC 226. (2nd floor library) One on one tutoring is available at the Math Tutoring Lab – call (818) 947-7263 for an appointment.

SSD Students: If you are a 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) 947-2680 to meet with a SSD counselor. If SSD has already sent the memo to instructor confirming accommodations required by student for this class, please meet with me to discuss arrangements.

Financial Aid: Financial Aid is available! Call (818) 947-2412 or go to the Financial Aid Office on the first floor of the Student Services Center. For more info: <http://www.lavc.edu/financialaid/index.html>.

DISCLAIMER - ADULT CONTENT IS COVERED IN THIS COURSE: 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. We reserve the right to edit inappropriate language that may appear in this course.

DISCLAIMER – SUBJECT TO CHANGE: Please be advised that this syllabus is subject to change at any time at the sole discretion of the instructor.

Monday	Tuesday	Wednesday	Thursday	Friday
2/8	2/9	2/10 5.1 Factoring Monomials 5.2 Factoring by Grouping 5.3 Factoring Trinomials of the form $x^2 + bx + c$ 5.4 Factoring Trinomials of the form $ax^2 + bx + c$	2/11	2/12 Presidents Day
2/15 Presidents Day	2/16	2/17 Quiz #1 5.5 Special Formulas and Factoring Review 5.6 Solving Quadratic Equations Using Factoring 5.7 Applications of Quadratic Equations	2/18	2/19
2/22	2/23	2/24 6.1 Simplifying Rational Expressions 6.2 Multiplication/Division of Rational Expressions TEST # 1 Chapter 5	2/25	2/26
2/29	3/1	3/2 Quiz # 2 6.3 -6.4 Addition/Subtraction of Rational Expressions 6.5 Complex Fractions	3/3	3/4
3/7	3/8	3/9 Quiz # 3 6.6 Solving Rational Equations 6.7 Applications of Rational Equations	3/10	3/11
3/14	3/15	3/16 7.1 Linear Equations in Two Variables 7.2 Graphing Linear Equations TEST #2 Chapter 6	3/17	3/18
3/21	3/22	3/23 Quiz # 4 7.3 Slope of a Line 7.4 Finding Linear Equation 7.5 Graphing Linear Inequalities	3/24	3/25
3/28	3/29	3/30 Quiz #5 8.1 Solving System of Equations Graphically 8.2 Solving System of Equations by Substitution 8.3 Solving System of Equations by Addition	3/31 Cesar Chavez Holiday	4/1
4/4	4/5	4/6 Spring Break	4/7	4/8
4/11	4/12	4/13 Quiz # 6 8.4 Applications of System of Equations 8.5 Solving System of Linear Inequalities	4/14	4/15
4/18	4/19	4/20 9.1 Evaluating Square Roots 9.2 Simplifying Square Roots TEST #3 Chapters 7 & 8	4/21	4/22
4/25	4/26	4/27 Quiz # 7 9.3 Add/Subtract/Multiplication of Square Roots 9.4 Dividing Square Roots	4/28	4/29
5/2	5/3	5/4 Quiz # 8 9.5 Solving Rational Equations 10.1 The Square Root Property	5/5	5/6
5/9	5/10	5/11 10.2 Solving Quad. Equ. by Completing Square Test #4 Chapter 9	5/12	5/13
5/16	5/17	5/18 Quiz #9 10.3 Solving Quad. Equ. by Quadratic Formula 10.4 Graphing Quadratic Equations	5/19	5/20
5/23	5/24	5/25 TEST #5 Chapter 10 Final Exam Review	5/26	5/27
5/30 Memorial Day	5/31	6/1 FINAL EXAM 7 pm – 9 pm	6/2	6/3