



Los Angeles Valley College
Mathematics 110
Introduction to Algebraic Concepts (5 Units)
Spring 2016

Section#: 1382

Class Hrs: MTWTH 9:40 – 10:50am

Room: MS 109

Instructor: Mrs. Sarkissian

Office & Phone #: MS 104C; (818)778-5919

Drop-in Hrs: MTWTH 7-8 am; TTH 2:15-3:30pm

Email: sarkissk@lavc.edu

COURSE INFORMATION

Catalog Description: This course covers topics beginning with arithmetic through beginning algebraic concepts in preparation for Elementary Algebra. Topics include operations on whole numbers, fractions, decimals, and integers; order of operations; ratios, proportions, percents, and applications; perimeter and area applications; and simple algebraic expressions and equations. Basic word problems that embody these concepts are included throughout the course.

Prerequisite: None.

Student Learning Outcomes: Upon completion of this course, students will be able to perform arithmetic operations on signed numbers. Also students will be able to think analytically at a level appropriate to pre-algebra.

Textbook: *Pre Algebra*, 7th Edition, K. Elayn Martin-Gay

Important Dates: Last day to Add or Audit— 2/19/2016;
Drop classes without receiving a “W”— 2/21/2016;
Drop classes with a “W”— 5/8/2016.

COURSE COMPONENTS & GRADING

Materials needed: Textbook or e-text, 2 notebooks, pencil and eraser to be brought to class every day.

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

Online Homework: This is a web enhanced course which means your homework is assigned online on Pearson’s MyMathLab software. Each week’s homework is due the following Monday. You should have a separate notebook just for practicing homework (that will not be collected), different from your lecture notebook. You can ask homework questions in class, consult me during posted drop in hours to receive individualized help or you can drop by at **MathLab in LARC 226** for FREE tutoring services. No Late Homework will be accepted under any circumstances. Your homework knowledge is tested via quizzes.

How to Enroll in MyMathLab (MML):

- 1) Go to <http://pearsonmylabmastering.com>
- 2) Click on “Student” under “Register”. The course ID is **sarkissian70192**. You will be asked to create a login, a password and give some personal information to create your free Pearson account.
- 3) Enter your access code to register in our class. The MML license or access code may come with the purchase of a new book (make sure to check this!), or you can choose to buy just the access code from the LAVC bookstore, or you can choose to purchase the access code online using a credit card.

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.* Quizzes are designed to test your knowledge of the homework that has been assigned the week before.

Exams: There will be 4 *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 **Monday June 6th 2016, 9:30 – 11:30 am**. 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.

Embedded Essential Study Skills: There will be 5 Study Skill sessions with worksheets to be completed in class. These will help you become a more successful college student.

Extra Credit Opportunities: You can participate in Math 110 Path2Success weekly workshops on Fridays 10-11:30am at LARC 212 to practice your skills and earn no more than 5% extra credit.

Possible Points & Grading Scale:

Homework	10%	A	90 – 100%
Quizzes (drop2)	5%	B	80 – 89%
Essential Study Skills	5%	C	70 – 79%
Exams (drop 1)	60%	D	60 – 69%
Final Exam	20%	F	59% and below

CLASS POLICIES

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.

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.

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.

Accommodation Statement: 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. Go to the Financial Aid Office in the Student Services Center, first floor. For more info: <http://www.lavc.edu/financialaid/index.html>.

Math 110 Spring 2016 Mondays - Thursdays Calendar

Weeks	Mondays	Tuesdays	Wednesdays	Thursdays
Week 1 2/8-2/11	Syllabus, MML Sec 1.2- place value	Sec 1.3- Addition & Subtraction	Sec 1.4 -Rounding & Estimating	Sec 1.5- Multiplication
Week 2 2/15-2/18	President's Day No Class	Study Skill 1 Sec 1.6 Division Quiz 1	Sec 1.7 Exponents & order of operations	Sec 1.8 Introduction to Variables, Algebra Expressions, & Equations
Week 3 2/22-2/25	Review Chap 1 Quiz 2	Study Skill 2 Sec 2.1 Introduction to Integers	Sec 2.2 Adding Integers	Sec 2.3 Subtracting Integers
Week 4 2/29-3/3	Exam 1 Chap 1	Study Skill 3 Sec 2.4 Multiplying & Dividing Integers	Sec 2.5 Order of Operations	Sec 2.6 Solving Equations
Week 5 3/7-3/10	Review Chap 2 Quiz 3	Study Skill 4 Sec 3.1 Simplifying Expressions	Sec 3.2 Properties of Solving Equations	Sec 3.3 Solving Linear Equations
Week 6 3/14-3/17	Sec 3.4 Problem-Solving Quiz 4	Study Skill 5 Sec 3.4 Continue problem-solving	Review Chap 3	Sec 4.1 Introduction to Fractions and Mixed Numbers
Week 7 3/21-3/24	Exam 2 Chap 2 & 3	Sec 4.2 Factors and Simplest Form	Sec 4.3 Multiplying and Dividing Fractions	Sec 4.4 Addition and Subtracting Like Fractions
Week 8 3/28-3/31	Section 4.4 LCD Quiz 5	Sec 4.5 Adding and Subtracting Unlike Fractions	Sec 4.5 Continue Adding and Subtracting Unlike Fraction	Cesar Chavez Day No Class
Spring Break 4/4-4/7	Spring Break No Class	Spring Break No Class	Spring Break No Class	Spring Break No Class
Week 9 4/11-4/14	Sec 4.6 Review order of operations Quiz 6	Sec 4.7 Operations on Mixed Numbers	Sec 4.8 Solving Equations containing Fraction	Review Chap 4
Week 10 4/18-4/21	Exam 3 Chap 4	Sec 5.1 Introduction to Decimals	Sec 5.2 Adding and Subtracting	Sec 5.3 Multiplying Decimals and Circumference of a Circle
Week 11 4/25-4/28	Sec 5.4 Dividing Decimals Quiz 7	Sec 5.5 Fractions, Decimals, Order of Operations	Sec 5.6 Solving Equations of Decimals	Sec 5.6 Solving Equations of Decimals
Week 12 5/2-2/5	Review Chap 5 Quiz 8	Sec 6.1 Ratios and Rates	Sec 6.2 Proportions	Sec 6.3 Proportion & Problem Solving
Week 13 5/9-5/12	Sec 6.4 Square Roots and the Pythagorean Theorem Quiz 9	Review Chap 6	Sec 7.1 Percent, Decimals, & Fractions	Sec 7.2 Solving Percent Problem with Equation
Week 14 5/16-5/19	Exam 4 Chap 5 & 6	Sec 7.3 Solving Percent Problems with Proportion	Sec 7.4 Application of Percent	Sec 7.5 Percent and Problem Solving: Sales Tax, Commissions, and Discount
Week 15 5/23-5/26	Sec 7.5 Percent and Problem Solving: Sales Tax, Commissions, and Discount Quiz 10	Sec 7.6 Simple Interest (No Compound Interest)	Final Review Review Chap 1-4	Final Review Review Chap 5-7
Week 16 5/30-6/2	Memorial Day No Class	Final Exam Mon June 6th		