

Math 112 Section 1462-Pre Algebra
West Los Angeles College-Fall 2015
8:00-9:25 AM TR MSA 109

Instructor: Sui Wing Man

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Office Hours and location: TR 9:30-9:5 am at MSB 214

You can also get homework help at the Learning Resource Center in the library.

Prerequisites: Math 112

Course description:

This course is a bridge between arithmetic and algebra. It reviews arithmetic and introduces concepts of algebra, including signed numbers, variables, exponents, mathematical sentences and linear equations.

Course objectives:

1. Arithmetic operations with whole numbers
2. Arithmetic operations with common fractions, decimals, percents
3. Ratios, rates, and proportions
4. Applications of arithmetic, including percent problems
5. Operations with signed numbers
6. Uses of variables in Algebra
7. Definitions and applications of basic algebraic properties
8. Writing and simplifying algebraic expressions
9. Simple linear equations and their solutions

Student Learning Outcomes (SLOs)

Institutional SLOs

A. Critical Thinking

C. Quantitative Reasoning: This is the core of your mathematics learning experience and will be demonstrated in all the work you do in this course.

Math Program SLOs

1. Apply quantitative thinking processes using basic mathematical operations (addition, subtraction, multiplication and division)
3. Use mathematical tools essential for analyzing quantitative problems and for producing solutions
5. Select appropriate math strategies for solving and handling real life problems

Students are uniformly assessed with a department wide final exam.

Attendance: Any student with more than 4 absences may be dropped from the course. 3 tardies counts as one absence. You will be marked tardy for leaving the class before dismissal.

Supplies:

Textbook: Elayn, Prealgebra, 6th edition ISBN: 0-13-14447-6

Two notebook for your homework and notes.

Mechanical Pencils and erasers

Ruler

Calculator is NOT allowed for this course

Test rules:

1. You have to show all your work to receive full credit.
2. **No make up.**
3. Tests are cumulative. You should always study the old tests to prepare for the upcoming one.

Cumulative Final Exam: ?????

No make up.

Homework:

1. Do your homework in a quad ruled notebook.
2. Always start a section on a new page.
3. Graph straight lines with your ruler.
4. Homework is due the lecture **before the date of a test.**
5. **You must show work to receive credit.** You will not get credit if I only see answers written down on your notebook.

Methods of Presentation: Lecture and group work

Grading:

		Scale	
Final Exam	30%	90-100	A
4 Tests	65%	80-89.9	B
Homework and classwork	5%	70-79.9	C
		50-69.9	D
		0-49.9	F

Incomplete

A grade of "Incomplete" may be granted at the very end of the term, only when 90% of the course work has been completed with a "C" or better, and an unforeseen event or illness prevents the student from completing the coursework. "Incomplete" grade situations are extremely rare, and are entirely at the discretion of the instructor, within the parameters set above.

Classroom Rules

Turn off or silent your cell phone. If I catch you using your cell phone, you must turn it off.

Any form of academic dishonesty is punished with a grade of F in the course.

Treat others with respect and you will be treated with respect.

Withdrawal Deadlines:

9/13: no record drop

11/21: drop with a W

Students with disabilities

Students with disabilities who believe they may need accommodations in this class are encouraged to contact Disabled Students Programs and Services located in SSB 320 (phone 310-287-4450) immediately to

improve the chances that such accommodations can be implemented in a timely manner. The instructor will do everything possible to comply with ADA and all other mandates.

Tentative day by day schedule

Week 1	09/01/15	1,2, 1.3, 1.4	Week 9	10/27/15	5.8, 6.1
	09/03/15	1.5, 1.6, .17		10/29/15	6.2, 6.3
Week 2	09/08/15	1.8, 2.1	Week 10	11/03/15	6.4, 6.5
	09/10/15	2.2, 2.3		11/05/15	7.1, 7.2, 7.3
Week 3	09/15/15	2.4, 2.5	Week 11	11/10/15	Test 3 up to 6.5
	09/17/15	3.1, 3.2		11/12/15	7.4, 8.1
Week 4	09/22/15	Test 1 up to 2.5	Week 12	11/17/15	8.2, 8.3, 8.4
	09/24/15	3.3, 3.4		11/19/15	8.5, 9.1
Week 5	09/29/15	4.1, 4.2	Week 13	11/24/15	9.2, 9.3, 9.4
	10/01/15	4.3, 4.4		11/26/15	No class
Week 6	10/06/15	4.5, 4.6	Week 14	12/01/15	10.1, 10.2, 10.3
	10/08/15	4.7, 4.8		12/04/14	Review
Week 7	10/13/15	5.1, 5.2, 5.3	Week 15	12/08/15	Test 4 on everything
	10/15/15	Test 2 up to 4.8		12/10/15	Review
Week 8	10/20/15	5.4, 5.5	Week 16		Final Exam
	10/22/15	5.6, 5.7			

Homework

EOO means every other odd. For example, 1-9 EOO means work on 1, skip 3, do 5, skip 7, do 9

1.2	# 1-73 eoo	5.3	# 1-53 eoo
1.3	# 1-57 eoo	5.4	# 1-57 eoo
1.4	# 1-73 eoo	5.5	# 1-53 eoo
1.5	# 1-61 eoo	5.6	# 1-65 eoo
1.6	# 1-73 eoo	5.7	# 1-33 odd
1.7	# 1-53 eoo	6.1	# 1-57 eoo
1.8	# 21-81 odd	6.2	# 1-45 eoo
2.1	# 1-85 eoo	6.3	# 1-53 eoo
2.2	# 1-77 eoo	6.4	# 1-41 eoo
2.3	# 1-73 eoo	6.5	# 1, 5, 9-25 eo
2.4	# 1-109 eoo	7.1	# 1-101 eoo
2.5	# 1-93 eoo	7.2	# 1-41 eoo
3.1	# 9-77 eoo	7.3	# 1-25 eoo
3.2	# 1-61 eoo	7.4	# 1-45 eoo
3.3	# 1-89 eoo	8.1	# 1-53 eoo
3.4	# 9-61 eoo	8.2	# 1-25 eoo
4.1	# 1-69 eoo	8.3	# 1-33 eoo
4.2	# 1-57 eoo	8.4	# 1-33 eoo
4.3	# 1-77 eoo	8.5	# 1-25 eoo
4.4	# 1-45 eoo	9.1	# 1-53 eoo
4.5	# 1-85 eoo	9.2	# 1-57 eoo
4.6	# 1-53 eoo	9.3	# 1-43 odd
4.7	# 1-53 odd	9.4	# 1-53 eoo
4.8	# 5-57 eoo	10.1	# 1-45 eoo
5.1	# 1-73 eoo	10.2	# 1-29 eoo
5.2	# 1-65 eoo	10.3	# 1-41 eoo