

Syllabus for
Pre-algebra (Math 112)

Course: Pre-algebra (Math 112)
 Prerequisite: Arithmetic (Math 105) or by Pre-algebra placement test
 Instructor: Peter H. Lee
 Office: MC 48
 Phone: 310-434-3519
 Office Hours: See me before class, during the break, or after class.
 Email: lee_peter@smc.edu (when you write me, identify yourself and your class)
 Textbook: Prealgebra, 4th edition, by Elayn Martin-Gay
 You can loan this book from the bookstore,
 Or purchase it online, ISBN 0131444476
 Calculator: Calculators are not allowed on exams.
 Attendance: Officially one week of absence is allowed. You should not miss any test.
 You are responsible for lecture material and announcements given during classes.
 Homework: There is no “regular” HW. If HW is assigned, extra credit will be given.
 Quizzes: Unannounced Quizzes may be given. Quizzes will count as extra credit.

Notes and sample tests: http://homepage.smc.edu/lee_peter/math112

3 stages of study: (1) Study with solutions, understand questions.
 (2) Study without solutions, check solutions on your own.
 (3) Study without text or notes,
 write summary of each topic, construct questions, write theorems, formulas,
 study variations of problems, reverse problems, graphs

Grading: 4 Midterms @ 15 % each 60 %
 Cumulative Final Exam 40 %
 No make up exams, no make up HW, no make up Quizzes.

Grading Scale: A>87%>B>75%>C>65%>D>60%>F

Prerequisite skills: Mastery of times table is expected by the end of first day.

Course objective: Mastery of fractions and decimal operations, linear equations, proportions,
 percentage

Tentative Lecture Schedule

June	16 (M)	1.2, 1.3, 1.4, 1.5	
	17 (Tu)	1.6, 1.7, 1.8, Area, Perimeter	
	18 (W)	2.1, 2.2, 2.3	
	19 (Th)	2.4, 2.5	
	23 (M)	Midterm I (chap 1, 2: integers)	
	24 (Tu)	4.1, 4.2, 4.3	
	25 (W)	4.4, 4.5	
	26 (Th)	4.6, 4.8	
	July	30 (M)	Midterm II (chap4: fractions)
		1 (Tu)	5.1, 5.2, 5.3
2 (W)		5.4, 5.5, 5.6	
3 (Th)		??	
7 (M)		Midterm III (chap 5: decimals)	
8 (Tu)		3.1, 3.2, 3.3, 1.9	
9 (W)		3.4, 3.5, 4.7, 5.7	
10 (Th)		6.1, 6.2, 6.3, 5.8	
14 (M)		6.4, 6.5	
15 (Tu)		Midterm 4 (chap 3, 6: linear equations, proportions)	
16 (W)	7.1, 7.2, 7.3		
17 (Th)	7.4, 7.5		
21 (M)	7.6		
22 (Tu)	Cumulative Final Exam part1 (Dept Final Exam)		
23 (W)	??		
24 (Th)	Cumulative Final Exam part2		