



**LOS ANGELES HARBOR COLLEGE  
MATHEMATICS 112 – PRE ALGEBRA  
FALL 2014**

**Monday & Wednesday, 8:00am – 9:25am, Section # 0501  
NORTHEAST ACADEMIC HALL, ROOM 217**

**Instructor:** Mr. Dan Ruiz  
**Office:** Counseling Center, SSA Bldg., Room 103  
**Office Hours:** After class, or through a scheduled appointment  
**E-mail:** Ruizd@lahc.edu  
**Phone:** (310) 233 – 4059  
**Course Website:** [www.danruizmath112.weebly.com](http://www.danruizmath112.weebly.com)  
**Textbook:** Prealgebra; By Elayn Martin-Gay, 6<sup>th</sup> Edition, 2011. Pearson Education, Inc.  
Pre-Algebra Practice Workbook (online). The McGraw-Hill Companies, Inc.

**Required Materials:**

- Pre-Algebra Practice Workbook. Available online through Mr. Ruiz's math course website.
- 3-ring binder (with paper) or a spiral notebook designated solely for this course.
- Pencils and erasers

**Calculators:**

- Any type of calculator **will not** be permitted to be used in class or on tests, quizzes, or assignments.

**Pre-requisite:**

- Successful completion of Learning Skills 10 with a letter grade of 'C' or higher, or appropriate score on the LAHC math placement test.

**Course Description:**

This course presents a review of arithmetic topics and introduces elementary algebra topics including operations with integers, exponents, the use of mathematical sentences, and solutions of simple linear equations.

**Los Angeles Harbor College Math Student Learning Outcomes:**

Upon successful completion of Pre-Algebra (Math 112) the student will be able to:

- Add, subtract, multiply and divide whole numbers following the rules of order or operations.
- Evaluate math expressions using order of operations.
- Translate simple English statements into algebraic expressions or equations.
- Solve linear equations in one variable using distributive properties, combine like terms, addition and multiplication properties of equality.

**Special Accommodations:**

Los Angeles Harbor College complies with the Americans with Disabilities Act in making reasonable accommodations for qualified students with disabilities. No last-minute arrangements or post-test adjustments will be made. If you have a disability or believe you might benefit from disability related services and may need accommodations, contact Special Programs and Services in Café 108, or via telephone at 310.233.4629.

### **Attendance Policy:**

- Please come to class on time and stay for the duration of the entire class session.
- If you **cannot** arrive to class regularly on time and/or stay for the duration of the class then please consider taking this course at another time that fits your schedule.
- Any student arriving late or leaving early, without authorization from your instructor, will result in a loss of participation points for this course.
- Every two-recorded late arrivals or early departure will count as a loss of 5 points towards your overall grade in this course.
- You are responsible collecting notes from another student for any days you have missed.

### **Los Angeles Harbor College Drop Policy:**

You (the student) are responsible for withdrawing (dropping) from any course through the Admissions & Records office by the appropriate deadline. The deadline to drop a course is stated in the schedule of classes for each semester. The Fall 2014 semester drop deadline is **November 11<sup>th</sup>**.

### **Academic Dishonesty (Cheating) Policy:**

If you cheat in this class (i.e. knowingly or unknowingly participate in the submission of unoriginal work for any assignment, quiz or test) the instructor is required to fill out an Academic Dishonesty Report form. This report will be forwarded to the Math Dept. Chair, who will send it to the VP of Student Services for disciplinary action, which may result in suspension or exclusion. In addition to sending this report, you will receive an “F” in the course.

### **Course Expectations:**

- Be respectful of everyone in this classroom (including the room itself).
- Arrive to class on-time.
- Come to class prepared.
- This course is an ‘electronic device free’ class. Please shut off all electronic devices that disrupt classroom learning.

### **Course Points/ Grades:**

	<b>Points</b>	<b>Grade Percentage</b>
Quizzes	200 pts.	40%
Exams	100 pts.	20%
Final Exam	75 pts.	15%
Homework Assignments	75 pts.	15%
Participation/In-class Assignments	20 pts.	10%
<b>TOTAL</b>	<b>500 pts.</b>	<b>100%</b>

A= 100 – 90%	B= 80- 89%	C= 70-79%	D = 60-69%	F = Below 59%
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### **Late/Missing Assignments & Make-Up Exams & Quizzes:**

Any late or missing assignment **will not** be accepted. Any make-up quiz or exam **will not** be permitted.

Only under special circumstances where a student can provide legitimate documentation for an absence will any accommodations be made. You must consult with Mr. Ruiz to make these special arrangements.

\*\*Instructor Reserves the Right to Change this Tentative Syllabus & Timeline\*\*

DATE	TOPIC	Practice Workbook Assignment & Text Book Assignment	QUIZ/EXAM
9/3	Introduction & Syllabus		
9/8	1.3	p. 25 #1 – 37 odd & Perimeter wkst	
9/10	1.5	p. 46 #15 – 37 odd & Area wkst	
9/15	1.6, 1.7 (expon)	p. 60 #1-20 all & Exponents wkst	Quiz 1: 1.3, 1.5
9/17	1.8, 1.7 (order of ops)	p. 79 # 1-26 all & Order of Ops wkst	
9/22	2.1, 2.2	p. 13 # 5-32 in <i>Practice Workbook</i> p. 15 # 2-40 even in <i>Practice Workbook</i>	
9/24	2.3	p. 17 # 1-24 in <i>Practice Workbook</i>	Quiz 2: 1.6,1.7,1.8
9/29	2.4	p. 124 # 2-70 even	
10/1	2.5	p. 134 # 1 – 41 odd	
10/6	Review, Exam # 1		Exam 1: 1.3 to 2.3
10/8	2.6	p. 144 # 9 - 44 all	
10/13	3.1	p. 165 # 23 - 69 odd	Quiz 3: 2.4,2.5
10/15	3.2, 3.3	p. 175 # 2- 44 even p. 184 # 25 – 59 odd	
10/20	3.4	p. 49 & 50 in <i>Practice Workbook</i>	
10/22	4.1	Worksheet – improper fract/mixed numbers	Quiz 4: 2.6,3.1,3.2
10/27	4.2	p. 230 # 17 – 49 odd	
10/29	4.3	p. 241 # 20 – 72 even	
11/3	4.4	p. 255 # 1-36 all	Quiz 5: 3.3,3.4,4.1
11/5	4.5	p. 266 # 2- 64 even	
11/10	<b>NO CLASS</b>		
11/12	Review, Exam # 2		Exam 2: 3.1 to 4.3
11/17	4.6	p. 277 # 1-10, 55, 56	
11/19	4.7	p. 293 # 49-68 all	Quiz 6: 4.4,4.5
11/24	4.8	Worksheet – <i>Fraction busters</i>	
11/26	5.1, 5.2	p. 342 # 1-14, 39-46 Worksheet – <i>Decimal to fractions</i>	
12/1	5.3, 5.4	p. 353 # 1-16 all p. 363 # 1-25 odd	Quiz 7: 4.6,4.7,4.8
12/3	5.5, 5.6	p. 375 # 2-26 even p. 381 # 1-20 all	
12/8	6.1, 6.2	Worksheet – <i>Ratios</i> p. 420 # 37- 48 all	Quiz 8: 5.1,5.2,5.3,5.4
12/10	6.3, 6.4	Worksheet – <i>Proportions</i> p. 436 # 2-28 even	
12/15	Review for Final		
12/17	FINAL EXAM		Final Exam: Cumulative