Chabot College, Department of Mathematics Instructor: Eugene Ionel
Math 104 Pre Algebra Course MATH 104 – 3 units   CRN 32630
M-Th 3:00 PM-3:50 PM Room 1814
Office Hours: Th 4 PM-5 PM   Room 3918 Voicemail box # 2430
Email: collegemath.net@gmail.com Website: http://www.collegemath.net/chabot

Course Description

> **Brief review of arithmetic, including fractions, decimals, percents; order of operations, and geometric formulas. Introduction to algebraic concepts, including signed numbers, properties of real numbers, algebraic expressions, linear equations, and graphs. Prerequisite: Mathematics 103 (*completed with a grade of "C" or higher*) or an appropriate skill level demonstrated through the mathematics assessment process.**

Student Learning Outcomes:
1.   apply the commutative, associative and distributive laws;
2.   perform computations with signed numbers without a calculator;
3.   apply order of operations in evaluating algebraic expressions;
4.   simplify exponential expressions with whole number exponents;
5.   create, interpret, and solve simple linear equations;
6.   find area, circumference, diameter and radius of a circle;
7.   solve a right triangle using Pythagorean Theorem;
8.   simplify square roots of perfect squares;
9.   solve problems using percents;
10.   find the areas, perimeters, and volumes of geometric figures and objects;
11.   translate between words and the mathematical symbols for variables and operations;
12.   interpret operations and variables in algebraic expressions;
13.   graph simple relationships between two variables; solve word problems, including those using formulas and linear equations.
Textbook
Prealgebra: Media Enhanced Edition by Baratto 3rd Edition. ISBN: 0077299620
McGraw-Hill
Prealgebra. Student's Solution Manuel by Baratto ISNB: 9780073357874 McGraw-Hill

Website: www.aleks.com Aleks account is required.
System Requirements: *WINDOWS operating systems:* Windows 2000, Windows XP, Windows Vista™ , Windows 7
You can use these browsers: Internet Explorer 6.0 (XP Only), Internet Explorer 7.0, Firefox 2, Firefox 3, Chrome
MACINTOSH operating systems: MacOSX 10.4, MacOSX 10.5
You can use these browsers: Safari 3.1 (Recommended), Firefox 2, Firefox 3

Prerequisites: Basic Mathematics (Math 103)

Course Grading

Passing score on all Aleks submitted homework is required to pass this class. You will have 3 midterm and final exam in class. If 50% of a final would be greater then the lowest exam score then this score will be replaced by a half of final exam score.   These exams will be announced in advance.

- Test 1   100 points
- Test 2   100 points
- Test 3   100 points
- Final   200 points

A	450-500	90%
B	400-449	80%
C	300-399	60%
D	250-299	50%
F	0-249	

Additional requirements:

Absenteeism Policy: Students are responsible to drop or withdraw themselves, and I reserve the right to drop a student who missed 4 classes in a row or 6 classes during semester without documented excuse.

Academic Dishonesty: Academic dishonesty, in all of its forms, including plagiarism, is not tolerated. Students found responsible for violating this rule may be given a failing grade in the specific course and are subject to further disciplinary action. Specifically, students who are caught cheating will be given a zero score on the exam in question. A repeat incident will result in expulsion.

Disruptive Behavior: Students are required to respect classroom activities and show common courtesy to both instructor and peers. Behavior such as excessive discussion between classmates on content which is unrelated to course materials will not be tolerated. It is the instructor's discretion to determine what disruptive behavior is and request appropriate remedy which may result in student's expulsion from the class. No players, ipods or text messaging during the class meetings. **Please turn your cell phone ring into vibration mode.**

Last Day to Drop: April 8, 2011
Final Exam: Wednesday May 25, 2 P.M.-3:50 P.M.

Last but not the Least

No make-ups for exams are given. Failure to take the final at the proper time and place will result in an automatic F in the course. Exceptions are made in case of documented illness. In case of dispute of recorded score it is a responsibility of a student to keep all exam papers until end of a semester.