MATH 112 PreAlgebra
Spring 2013 Section: *0347* Time: *TTH 10:40am–12:05pm* Location: *CMS 020*

Instructor:

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Office hours: MT 3:00-4:10pm; TTh 9:30-10:40am; WTh 3:00-3:30pm

Text & Courseware: ***Basic Mathematics with early integers***, by Charles P. McKeague with xyz homework. The access code for xyz homework will be packaged with the new textbook sold in the Mission College bookstore.

Prerequisite: Math 105 with a grade of "C" or better, or appropriate skill level demonstrated through the Math assessment process, or by permit.

Important Dates:

Last day to ADD classes	Friday,	Feb. 15
Last day to DROP classes, without a "W"	Monday,	Feb. 18
Last day to petition for credit/no credit	Friday,	March 8
Last day to DROP, with a "W"	Sunday,	May 5

Final Exam: Thursday, May 30, 10:00 am – 12:00 pm

Course Description: This course will prepare you for Elementary Algebra. It is a review of arithmetic and an introduction to basic algebraic concepts. Topics include operations on the set of integers, fractions and decimals; algebraic expressions, solving equations, word problems involving integers, fractions and decimals; ratios, proportions and percents; and an introduction to geometry.

Course Organization: The course will follow the attached course schedule as closely as possible.

Student Learning Outcomes:

1. Perform operations and simplify numerical and algebraic expression involving integer and rational numbers.
2. Write linear equations for word problems and solve.

Resources:

- Free tutoring is available at the Math Lab, LRC 215 in the library on the main campus: Monday-Thursday from 11:00 am to 7:00 pm.
- STEM resources including academic counseling and advisement are available through Los Angeles Mission College STEM program. For more information, call (818) 833-3425 or visit http://lamission.edu/stem/.
- Disabled Students Programs and Services (DSPS): For appointments and information call (818) 364-7732 or visit http://lamission.edu/dsps/.

Calculators: Only stand alone scientific calculators are allowed on quizzes and exams on some problems pertaining to chapters 5 through 8. Graphing calculators, cell phones, smart phones, laptops, ipads, tablets, etc. are not allowed during in-class assessments.

Online Homework and Quizzes through xyz Homework (http://www.xyzhomework.com/)

- Students enrolled in my Math 112 are required to register with xyz homework online program and enroll in my section using **course ID: 1953** to complete the required online homework and quizzes. The access code for xyz homework will be packaged with the new textbook sold in the Mission College bookstore. Students may purchase the access code for xyz homework separately online at www.xyzhomework.com after they register as new

students. Please keep in mind that textbooks purchased online or at other bookstores may not include an access code.

- All homework will be given through xyz homework. Student should work on their homework as each section is completed in class. Students must complete all online homework and chapter quizzes by the stated due date shown online. Since xyz homework does not grade each step of students' work, it is important that students write down their solving steps clearly on paper in order to identify the mistakes made. All xyz homework scores will be automatically transferred to the instructor after students hit the submit button. Students are required to turn in the HW notebook on the day of the associated exam. Points may be deducted if work is not shown in a clear and organized manner and labeled neatly indicating the section being worked on, and the problem number. **No late homework and chapter quiz will be accepted.**

Class work/Quizzes: Class work will be given regularly in the form of group work or individual work. Active learning is very effective, especially in a Math class. Quizzes will also be given to get you ready for upcoming exams. Quizzes will be brief and will be announced. There will be no make-up class work and quizzes.

Exams: There will be five exams. They are all free response, and they cover two chapters worth of material each. The tentative testing schedule is given in the timeline at the end of this syllabus. The lowest exam score is dropped. There will be no make-up exams.

Final: The final is cumulative and accounts for the biggest individual chunk of your grade. It covers everything we will learn throughout the semester, which is a lot! Keeping your notes organized and your exams and quizzes handy is important to do throughout the semester. Preparing good review sheets as you study for every exam will prove very useful at the end when you are getting ready for the final. The final will be on Thursday, May 30th from 10:00 am -12:00 pm. You must take the final to pass the class. No make-up final will be allowed.

Grading:

Online Homework & Quizzes	12 %
Classwork/Quizzes	8 %
Exams (Best 4 out of 5)	52 %
Final Exam	28 %

Grading scale: Letter grades will be determined by your overall percentage in the course:

A = 90%-100%
B = 80%-89%
C = 70%-79%
D = 60%-69%
F = 59% and below

For borderline cases attendance, participation, and level of improvement on the final are considered.

Attendance: Regular and punctual attendance is expected from all of us. Unlike most other courses, missing just one mathematics class will immediately place you at a disadvantage because it is difficult, if not impossible, to catch up on the missed material by yourself. You are responsible for all material presented and discussed in every class meeting.

Withdrawals: If you stop attending the class (or wish to drop a class) on or before May 5th, 2013, you must drop the class yourself – **officially** – by Internet or through the Office of Admissions and Records. Failure to do so may result in a grade of "F" in the class. Please take note of important dates noted above and in the timeline. The procedures for dropping classes are detailed on page 48 of the Spring 2013, Schedule of Classes.

Title V and Education Code Changes on Class repetition:
A new state policy in effect as of Summer 2012 limits students to 3 attempts per course. Receiving a grade or "W" for a course counts as an attempt**, regardless of when the course was taken**.
For spring 2013, the last day to drop without receiving a "W" is Monday, February 18.

Cell Phones: Please turn off your phones before coming to class. Class time is for learning and interacting with me and your classmates, not for personal or business calls.

Cheating: Any form of academic dishonesty will not be tolerated. If caught, you may be given a zero for that particular exam or quiz. The event will be reported to the Math Department Chair who will forward the report to the VP of student services for disciplinary action which may include suspension or expulsion.

Student Conduct: Students are expected to adhere to all school policies, and to abide by the standards of student conduct as described in the Schedule of Classes on page 50. Any infringement upon the rights of other students in the class, such as talking or disruptive behavior will not be tolerated.

Miscellaneous: Everyone starts the class with an "A", so how do you keep it? First, it is very important to attend all class lectures. Second, in order to be good at math it takes practice, practice, and practice. This means you should do all of your homework and understand them. Do not just memorize how to do them, but understand the problem and how to solve it using the concepts learned in class. Get a study partner. Many times when a friend or study partner explains a problem or concept to you in a different way, it might make more sense. Also, you can keep each other accountable by making sure you do your homework in a timely manner. Finally, be well-prepared for exams. Do not try to "cram" before the test, but begin studying well before the test date. Get additional help if needed.

Tentative Schedule Math 112

Week	Date	Tuesday	Thursday
1	Feb 05 / Feb 07	Intro + R.1 to R.4	R.5 to R.7
2	Feb 12 / Feb 14	1.1 to 1.3	1.4 to 1.6
3	Feb 19 / Feb 21	**Ch R&1 Test** (No Calculator)	2.1 to 2.3
4	Feb 26 / Feb 28	2.4, 3.1	3.2 to 3.4
5	Mar 05 / Mar 07	**Ch2&3 Test** (No Calculator)	4.1 to 4.2
6	Mar 12 / Mar 14	4.3 to 4.4	4.5 to 4.6
7	Mar 19 / Mar 21	5.1 to 5.2	5.4
8	Mar 26 / Mar 28	5.5 to 5.6	***Non Instruction Day (no class)***
9	Apr 02 / Apr 04	***Spring Break (no class)***	***Spring Break (no class)***
10	Apr 09 / Apr 11	6.1 to 6.2	**Ch4&5 Test** (limit use of Calculator)
11	Apr 16 / Apr 18	6.3 to 6.5	6.6, 7.1
12	Apr 23 / Apr 25	7.2 to 7.3	8.1 to 8.2
13	Apr 30 / May 02	**Ch6&7 Test**	8.3 to 8.4
14	May 07 /May 09	9.1 to 9.2	9.3 to 9.4
15	May 14 / May 16	9.5 to 9.6	Handout
16	May 21 / May 23	**Ch8,9&handout Test**(limit use of Calculator)	Final Review
17	May 28 / May 30	No Class	**Final Exam (10:00am-12:00pm)**