Math 105 - Arithmetic - Spring 2014
TTH 12:15PM-1:40PM - CMS 204

Instructor: J. Burds
Section: 0336
Office Hours: 11:30AM-12:00PM Tue
Office Location: CMC 121
Telephone: (818) 346-7600 Ext. 4260
E-mail: burdsji@lamission.edu
Website: http://www.lamission.edu/~burdsji
Course ID:

Prerequisites: Open to all students.

Textbook: *Basic College Mathematics,* by Elayn Martin – Gay, Fourth edition.

Calculators: Calculators will not be allowed in exams and quizzes except for word problems related to Percents (Chapter 6). Only scientific calculators are allowed. No graphing calculator, cell phone, nor hand held computer are allowed on a quiz or test.

Description: This course will prepare you for Algebra. The course will be centered on several main topics covering the fundamental operations and applications of arithmetic, including whole numbers, fractions, decimals and percents. Additional topics of ratios and proportion, geometric concepts, signed numbers, and a brief introduction of elementary algebra will be presented.

Student Learning Outcomes:
By the end of the course, the successful student will be able to:
1. Perform operations involving whole numbers, decimals and fractions efficiently and adaptively.
2. Analyze and set up proportion, percent and geometry problems.

Course Organization:
Instruction will consist of: POD, lecture, classroom discussions, homework assignments group problem solving, collaborative (team) assignments computer or calculator assignments, internet/powerpoint presentations, and other strategies.

At the beginning of each class, you will have problem of the day(POD) activities, and an opportunity to ask questions generated by the assignment from the previous class. This question-and-answer period will help to review concepts and skills previously developed.

The new material will then be presented in a powerpoint/lecture format, with ample opportunity for you to ask questions. Examples will be given to clarify new concepts, and you will be encouraged to participate in the development of those concepts.

Tutoring: If you have questions and cannot make it to office hours, or you just like to get more help, free math tutoring is available M-Th from 11am – 7pm in LRC 215.

Homework and Quizzes:

- Students enrolled in this section of Math 105 are required to register with MyMathLab online program and enroll in my section **course ID: burds27608** to complete the required online homework and quizzes. The access code for MyMathLab will be packaged with the new textbook sold in the bookstore. Textbooks purchased online or at other bookstores may not include the access code for MyMathLab. In that case students may purchase the access code for MyMathLab separately online at http://pearsonmylabandmastering.com.

- All homework will be given through MyMathLab. Student should work on their homework as each section is completed in class. Students must complete all online homework and chapter quiz by the stated due date shown online. Since MyMathLab does not grade each step of students' work, it is important that students write down their solving steps clearly in a math folder in order to identify the mistakes made. All MyMathLab scores will be automatically transferred to the instructor after students hit the submit button. Instructor may require students to turn in all written work per homework assignment or chapter quiz to support answers submitted through MyMathLab. **No late homework and chapter quiz will be accepted**.

Final: You are required to take the final exam to pass the class. The final is cumulative and will be on Tuesday, June 3 from 12:30 – 2:30 PM.

Exams: There will be five exams. They are all free response, and you have to show all your work to earn full credit. They cover about two chapters each. Students are not allowed to use notes during exams. The tentative testing schedule is given in the timeline at the end of this syllabus. The lowest exam score may be dropped.

Class work/Quizzes: Class work will be given 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 include 3 to 5 questions.

Grading: Final grades will be based on:
▪ Final exam – 30%
▪ Best 4 out of 5 Exams (The lowest test score of the 5 mayl be dropped) – 52%
▪ Online/Homework – 10%
▪ Class work/Quizzes – 8%

Your grade in the course is determined according to the following scale:
A: 90% to 100% B: 80% to 89% C: 70% to 79% D: 55% to 69% F: below 55%

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

THERE WILL BE NO MAKE-UP QUIZZES OR EXAMS UNDER ANY CIRCUMSTANCES!
NO LATE HOMEWORK WILL BE ACCEPTED EITHER.

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. Absences of a total of 3 class meetings may result in excluding students from class. Students themselves are responsible for dropping a class they no longer attend; failure to do so may result in a grade of F.

Withdrawals:
If you wish to drop the class, you must do so on the Internet on or before Sunday, May 11, 2014. Failure to drop the class may result in a grade of "F" in the class.

Cell Phones: Please turn off your phones before coming to class. Class time is for learning mathematics, 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 as described in the Schedule of Classes. Any infringement upon the rights of the other students in the class, such as talking or disruptive behavior will not be tolerated.

Miscellaneous: To be successful in this and any other math class, expect to spend at least two hours for every class hour. The majority of learning that you do in college courses takes place outside of class. What you get out of this class will depend on how much you put into it. Mathematics is not a spectator sport, you have to put in the work to see the results!

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**.

Important Dates for Spring 2014

Last day to add full term classes:	Friday, February 21
Last day to drop without a "W":	Sunday, February 23
Last day to petition for credit/no credit:	Friday, March 14
Last day to drop with a "W":	On the internet: Sunday, May 11
Final Exam:	Tuesday, June 3 from 12:30 – 2:30 PM

Resources Available to Students at LA Mission College:

- **Bookstore:** For hours of operation, book availability, buybacks, and other information call (818) 364-7798 or 364-7768 or visit: http://eagleslanding.lamission.edu/

- **Counseling Department:** For appointments and information call (818) 364-7655 or visit https://www.lamission.edu/counseling/

- **Disabled Students Programs and Services:** For appointments and information call (818) 364-7732 or visit http://www.lamission.edu/dsps/

- **Extended Opportunity Programs and Services**: For appointments and information call (818) 364-7645 or visit http://www.lamission.edu/eops/

- **Financial Aid:** For information and applications call (818) 364-7648 or visit http://www.lamission.edu/financialaid/

- **Library:** For information on library hours, resources, workshops, and other services contact (818) 364-7105 or 364-7106 or http://www.lamission.edu/library/

- **Tutoring Services in Learning Center:** Laboratories for Learning, Writing, Math & Science. Walk-in and appointment services offered. Call (818) 364-7754 or visit http://www.lamission.edu/learningcenter/

- **Tutoring Lab & Math Center:** Free Math tutoring, computer and internet access. Call (818) 364-7811 or visit http://www.lamission.edu/mathcenter/

- **STEM Program:** For those interested in pursuing a science, technology, engineering and math, please call the STEM counselor Marina Sangkavichai at (818) 833-3425 or visit http://www.lamission.edu/stem/

Success and Study Tips:

1. **Attend class--** Choose to attend all class periods on time and don't leave early. If you are absent on a day that a quiz is given, you lose the points for that quiz. Also, knowledge in any math class is extremely cumulative. What you miss one day will continue to hurt you throughout the rest of the course.

2. **Pay attention--** Pay attention in class, participate in class discussions, and ask questions. The instructor regularly gives away tips for exams and quizzes, so make sure you take note of them.

3. **Do all homework--** Do or attempt all homework not for the sake of just doing it, but trying to understand the concepts, learning them in the process. "Practice makes perfect" applies not only to music and sports, but also in mathematics. Be sure to schedule sufficient time to complete your assigned tasks before the next class period.

4. **Get help--** Know how to get help if you need it. Consult instructor during posted office hours. These hours are for you to visit me and ask questions and express any concerns you have. Use the resources available to you for free (especially the Math Center which provides drop-in Math tutoring).

5. **Keep up with all work--** Getting behind will "snowball" on you very rapidly. Do your homework on a daily basis.

6. **Study math everyday--** Don't leave all the work until the weekend. No one can "digest" so much math all at once, no matter how much time you spend trying. Math is best studied in bite-

sized, digestible pieces. That means studying a few hours every day.

7. **Read the text--** Reading your math text should be done slowly and carefully… it doesn't read like a novel or a magazine. It is important that you learn the language of math; you cannot succeed in any math course without learning to express yourself in that language. Only by reading your text carefully and regularly can you learn it. Also, make sure to check the additional resources available at the beginning or the end of the textbook.

8. **Get Organized--** Organize your class materials, including homework assignments, graded quizzes and tests, notes and any worked out review problems. These items will make valuable references when studying for upcoming tests and the final exam.

9. **Find other students to study with**. Group work can be very productive, and is very much encouraged. You'll be given opportunity to work in a group so exchange email and phone numbers with a couple of students in the class.

   Name:_____ Email:_____ Phone:_____

   Name:_____ Email:_____ Phone:_____

10. **Strive for understanding not just remote memory**. Understanding greatly enhances your ability to comprehend later material. Memory is unreliable, and temporary. Understanding is intense, never lost…and exciting!

Spring 2014 Math 105 Tentative Timeline

Week	Date	Tuesday	Thursday
1	February 11 / February 13	Intro + 1.2 to 1.4	1.5 to 1.8
2	February 18 / February 20	1.9, 2.1 to 2.2	2.3 to 2.5
3	February 25 / February 27	Rev ch1-2	**Ch1&2 Test** (No Calculator)
4	March 04 / March 06	3.1 to 3.4	3.5-3.6
5	March 11 / March 13	4.1 to 4.4	4.5 to 4.6
6	March 18 / March 20	Rev ch3-4	**Ch3&4 Test** (No Calculator)
7	March 25 / March 27	5.1 to 5.2	5.3 to 5.4
8	April 01 / April 03	6.1 to 6.4	6.5 to 6.7
9	April 08 / April 10	***Spring Break(no class)***	
10	April 15 / April 17	Rev ch5-6	**Ch5&6 Test**
11	April 22 / April 24	7.1 to 7.3	8.1 to 8.2
12	April 29 / May 01	8.3 to 8.4	8.6 to 8.7
13	May 06 / May 08	Rev ch7-8	**Ch7 & 8 Test** (No Calculator)
14	May 13 / May 15	10.1 to 10.5	11.1 to 11.3
15	May 20 / May 22	**Ch10&11Test** (NoCalculator)	**Final Review**
16	May 27 / May 29	**Non Instructional Day NO CLASS**	**Final Review**
17	June 03 / June 05	**Final Exam (12:30-2:30pm)**	No Class