

DEPARTMENT OF MATHEMATICS – Los Angeles Mission College

**MATH 105 – Arithmetic (3 Units)**  
**Fall 2012**  
**Section 0321, TTh 12:25pm-1:50, CMS 022**

Instructor : Timothy Ferguson, MS, ASA  
 Email : fergustj@lamission.edu  
 Office : CMS 247 Voicemail: (818) 364-7600 x4849 (Not recommended)  
 Office Hours : MWF 11:40-11:51 Instruction Building, TTh 1:50-2:10 CMS 247, and by appt  
 Prerequisite : None

Textbook: **Basic College Mathematics (4th Ed)**, Elayn Martin-Gay (Prentice Hall), with MyMathLab access code  
*We will cover: Ch 1-5, 6(Easy probs last 3 secs), 7.1-7.3, 8 (no 8.5), 10, 11.1-11.3*

Important Dates: Last day to Add – Sept. 7&9 (In person, Online)  
 Last day to drop without a “W” – Sept. 7&9 (NOTE: New dates)  
 Last day to drop with a “W” – Nov. 16&18 (In person, Online)  
 Final Exam – Tuesday, Dec. 11, 12:30pm-2:30pm  
 Holidays – November 22

Course Description	Reviews operations and applications of arithmetic, including whole numbers, fractions, decimals, and percents. Additional topics of ratios and proportion, measurement, geometric concepts, signed numbers, and a brief introduction of elementary algebra will be presented.
Methodology	This course is taught in lecture format. To excel at College level, the student must prepare for class by reading upcoming textbook material <b>before</b> it is covered in class. Remember: Learning is not a spectator sport! Fundamentally, the responsibility to learn is yours and yours alone. I will help you all I can, but you must be prepared and ready to learn before you come to class. I will keep you informed as to what material is coming up. <u><b>Please bring your textbook to class.</b></u> <u>It is very important that you keep up with the lectures and in-class tests.</u> If you need more individual help, you should avail yourself of the math tutors in the Math Lab, Math Center, and my office hours, listed above.
Student Learning Outcomes	1. Perform operations involving whole numbers, decimals and fractions efficiently and adaptively. 2. Analyze and set up proportion, percent and geometry problems.
Homework	<u><b>You are required to use MyMathLab at CourseCompass.com.</b></u> The course ID is <u><b>FERGUSON89962</b></u> . Instructions for registering are at lamission.edu/math. Select Math <u><b>105</b></u> under <u>Course Resources</u> then click on <u><b>MyMathLab Student Registration Instructions</b></u> . The deadline for completing the homework is the day and time of the applicable Midterm. <b>NO LATE WORK WILL BE ACCEPTED.</b> Failure to do the homework (that is, failure to practice/rehearse/prepare for tests) is a sure way to fail any College course. This syllabus is based on the expectation that the student will put in at least two hours of homework for every hour in class.
Midterms	Midterms are scheduled for after Chapters 1, 3, 5, 8, and 11. Midterms will usually be held the second class after the material is covered in class.
Final Exam	<b>Tuesday, Dec. 11, 2012, 12:30 – 2:30. Comprehensive and Mandatory.</b>

Grading	<p>Homework (Online) = 8 Class Points (2 points each, throw out lowest 1)          Midterms (5) = 60 Class Points (15 points each, throw out lowest 1)          Final exam = 32 Class Points</p> <p>This schedule means that there will be an exam approximately every 2-3 weeks. <b><u>So keeping up with the class schedule is extremely important!</u></b></p> <p>Your final grade for this course will be determined in the following way:          90 Class Points and above = A, 80-89 Class Points = B,          70-79 Class Points = C, 55-69 Class Points =D, Below 55 Points = F</p> <p><b><u>NO Make-up exams will be given. NO EXCEPTIONS. If you need to contact me outside of class and office hours, email is preferred.</u></b></p>
Attendance/ Behavior	<p>All students are expected to arrive on time and stay for the entire class. Late arrivals are disruptive to both the lecturer and students. Once you are seated, do not leave the room until the class is over, as such comings and goings are disruptive. Students must turn off all pagers and cell phones while in class. Students are encouraged to ask questions and make comments on the lecture material. This should be done in a courteous manner by raising one's hand and being recognized. Side conversations between students that disrupt the flow of the lecture will not be tolerated, as they are a distraction to other students. <u>It is the student's responsibility to manage his or her academic workload.</u> Should a student decide to stop attending class it is their responsibility to drop the class. All students appearing on the grade roster will receive a grade regardless of whether they are attending classes or not. <b><u>Any student who misses 4 or more class meetings, or 2 or more in the first 2 weeks, or 2 or more Midterms may be dropped from the class.</u></b> Any act of academic dishonesty or behavior that disrupts the class (e.g. the above mentioned personal conversations) will be handled according to LAMC policies. Absolutely <b><u>no talking during exams</u></b>. If you have a problem, ask me.</p>
Student Info	<p>It is the students' responsibility to know all LAMC Add and Drop dates and procedures, and to follow procedures by the deadlines. Also, please be aware of Financial Aid opportunities, and special programs such as EOPS, MESA, and Internship possibilities. DSPS students should inform me ASAP in order to make any applicable arrangements. Except for bottled water, no food or drink in the classroom.</p>

**Learning Outcomes. You will learn about:**

- |                                  |                                    |
|----------------------------------|------------------------------------|
| Whole Numbers                    | Multiplying and Dividing Fractions |
| Adding and Subtracting Fractions | Decimal Numbers                    |
| Ratio and Proportion             | Percents                           |
| Measurement                      | Geometry                           |
| Signed Numbers                   | Introduction to Algebra            |

**SPECIAL STUDENT ADVISEMENT:**

Students are limited to three attempts at passing a course with a "C" or better. Any letter grade or "W" counts as an attempt. And this rule is retroactive. This means for example that if a student got a "W" and a "D" in Math 115 two years ago, he/she has one more chance to pass before he/she is prevented from enrolling in Math 115. Also, please note the new **"Last day to drop without a "W", which is now Sept. 7 (in person) and Sept 9 (online).**

Additional Support material for this course includes: Software based tutorials, topic specific video presentations, and tutoring, available at the Math Center, and Math Lab in the Library.

**Study groups are strongly encouraged.**