Los Angeles Community College District
Los Angeles Mission College

Syllabus Fall 2008

Course: Math 105: Basic Arithmetic
Section: 3064
W: 7:00pm-10:10pm, Bung 2

Instructor: Hai Phu Ngo
Office hours: MW: 6:00 pm- 7:00pm
Office: Bung D
Voicemail: 4130
Email: ngoh@lamc.edu

Required Text: Basic College Mathematics, 3rd edition
Authors: K. Elayn Martin- Gay

Important Dates: September 26, 2008: Last day to drop without a “W”.
November 21, 2008: Last day to drop with “W”.
Final Exam: Wednesday, December 17, 2008: 8:00pm-10:00pm

Attendance: It is important that you attend class. Regular attendance will be expected.
You are expected to attend class punctually and are responsible for assigned course work.
If you are have more than three absences, you may be dropped from your class on your
fourth absence. However, it is not your instructor’s responsibility to drop you. **It is your
responsibility to drop if you decide not to finish the course.** If you do not drop and I
do not exclude you, your name will be appeared on the grade roster at the end of the
semester and there will be no choice but to assign a F grade. **So be sure to drop
officially if you do not intend to finish the course.**

Zero Tolerance Cheating Policy – Mathematics: Cheating in this class is defined as
knowingly or unknowingly participating in the submission of unoriginal work for any
assignment, quiz, test. If it is determined that a student has cheated in this class, the
instructor is required to fill out an Academic Dishonesty Report Form, and submit it to
the Chair of Mathematics department who will forward the report to the VP of student
services for disciplinary action which may include suspension or expulsion. In addition to
sending the report, the instructor may take the following actions:
1) Assign a non-replaceable fail grade for the assignment, quiz, test even if doing so
results in the impossibility of the student to pass the class.
2) Deduct an amount of points, as specified in the syllabus, from the student’s overall
total points for a Conduct Code Violation even if doing so results in the
impossibility of the student to pass the class.
3) Dismiss the student for the remainder of the class session and/or the next class
section.
**Math 105 : Learning Outcomes**

1. Calculate * with whole numbers;
2. Calculate * with fractions;
3. Calculate * with decimals;
4. Interpret and solve verbal problems as related to whole numbers, fractions, decimals and percents.
5. Solve problems using ratio and proportions;
6. Solve problems using percents;
7. Solve problems with geometric concepts of perimeter, area, square roots and Pythagorean Theorem.
8. Calculate with signed numbers.

* Calculate shall mean with and without electronic assistance.

**Read the textbook:** The textbook provides a reasonable level of mathematical rigor and many exercises are quite reveling. I strongly encourage you to read the text carefully. The lectures are designed as a supplement to and not an alternative for the textbook. Students are expected to master all topics in the textbook unless otherwise indicated and regardless of whether they are mentioned in the lecture.

**Homework:** I will assign homework everyday. **It will not be collected or graded.** Your quiz and test scores will indicate if you are doing the homework. You can ask any homework you can not solve at the next class meeting.

**Tests:** There will be 7 (seven) tests during the semester and one lowest test score will be dropped. **No make up test for any reason. 100 points for each test.**

**Final:** There will be a comprehensive final exam. **This final is mandatory to pass this class.** The final test score is 300 points.

**Grading Scale:** The following is the tentative grading scale base on the maximum score of 900 points:

- **A:** 810-900 points (90%-100%)
- **B:** 720-809 points (80%-89.99%)
- **C:** 615-719 points (68%-79.99%)
- **D:** 495-614 points (55%-67.99%)
- **F:** 0 - 494 points (0% - 54.99%)
Course Schedule

The following schedule should serve as a tool for preparing for each lecture, including dates for quiz, and tests. The instructor reserves the right to change the following schedule with prior notice.

W 9/03: Introduction. Chapter 1: 1.1-1.9
W 9/10: Chapter 2: 2.1 - 2.5
W 9/17: Review Chapter 1 & 2. Test #1 (Ch1 & 2)
W 9/24: Chapter 3: 3.1 - 3.6
W 10/01: Review Chapter 3. Test #2 (Ch 3)
W 10/08: Chapter 4: 4.1 - 4.6.
W 10/15: Review Chapter 4. Test #3 (Ch 4)
W 10/29: Review Chapter 5. Test #4 (Ch 5)
W 11/12: Review Chapter 6. Test #5 (Ch 6)
W 11/19: Chapter 8: 8.1 - 8.6
W 11/26: Review Chapter 7 & 8. Test #6 (Ch 7 & 8)
W 12/03: Chapter 10: 10.1 - 10.5.
W 12/10: Review Chapter 10. Review Final. Test #7 (Ch 10)
W 12/17: Final Exam (8:00pm-10:00pm)

Homework Assignments: Only work on Odd numbers.

Chapter 1: 1.2 # 1-45; 1.3: # 1-57; 1.4: # 1-51; 1.5: # 1-51; 1.6: # 1-75; 1.7: # 1-61; 1.8: # 1-21; 1.9: # 1-97
Chapter 2: 2.1: # 1-37; 2.2: # 1-75; 2.3: # 1-59; 2.4: # 1-69 2.5: # 1-71
Chapter 3: 3.1: # 1-41; 3.2: # 1-59; 3.3: # 1-59; 3.4: # 1-47 3.5: # 1-71. 3.6: # 1-21
Chapter 4: 4.1: # 1-69; 4.2: # 1-51; 4.3: # 1-51; 4.4: # 1-51 4.5: # 1-51; 4.6: # 1-31.
Chapter 5: 5.1: # 1-53; 5.2: # 1-45; 5.3: # 1-57 5.4: # 1-31.
Chapter 6: 6.1: # 1-49; 6.2: # 1-55; 6.3: # 1-43; 6.4: # 1-43
Chapter 7: 7.1: # 1-69; 7.2: # 1-61.
Chapter 8: 8.1: # 1-41; 8.2: # 1-49; 8.3: # 1-39; 8.4: # 1-29 8.6: # 1-45
Chapter 10: 10.1: # 1-73; 10.2: # 7-63; 10.3: # 1-49 10.4: # 1-69 10.5: # 1-63.