CLASS SYLLABUS
FALL 2008
L.A. MISSION COLLEGE
MATH 112  SECTION  3065  M W  3:50-5:15 PM

INSTRUCTOR: ALICE CONSTANTINO
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Office Hours: 6:00 - 6:50PM  TUESDAYS  Bungalow D or by Appointment
TEXTBOOK : PRE- ALGEBRA 3RD EDITION BY: ALAN TUSSY AND R. DAVID GUSTAFSON

GENERAL OBJECTIVES:
AT THE END OF THE COURSE THE STUDENTS WILL BE ABLE TO PROVIDE AN
UNDERSTANDING BETWEEN ARITHMETIC AND ALGEBRA. A GOOD GRASP THAT WILL
HELP STUDENTS IDENTIFY THE CONCEPTS OF ELEMENTARY ALGEBRA IN A GRADUAL
AND INFORMAL WAY IN ORDER TO BUILD A FOUNDATION FOR THE SUBSEQUENT
COURSES OF MATHEMATICS.

THE STUDENTS WILL BE ABLE TO DEVELOP SKILLS IN THE TOPICS OF WHOLE NUMBERS,
FRACTIONS, DECIMALS, RATIO AND PROPORTION, PERCENT, APPLICATION OF PROBLEM
SOLVING TO REAL LIFE SITUATION, MEASUREMENT AS WELL AS INTRODUCTION TO
GEOMETRY, STATISTICS, PROBABILITY AND BASIC ALGEBRA.

STUDENT LEARNING OUTCOME FOR MATH 112 (PRE-ALGEBRA)

At the end of the course students will be able to:
1. Utilize numbers and arithmetical operations efficiently and adaptively.
2. Use algebraic symbols and variables to express stated relationships
   between different quantities.
3. Write and solve simple linear algebraic equations and application
   problems.
4. Describe and analyze mathematically the spatial features of objects.

METHODOLOGY: LECTURE; BOARD DEMONSTRATIONS; QUESTION AND ANSWER; GROUP
SESSION; PRACTICE REINFORCEMENT AND HOMEWORK FOLLOW-UP

ADDITIONAL SUPPORT: SOFTWARE BASED TUTORIALS, TOPIC SPECIFIC VIDEO
PRESENTATIONS AND TUTORING AVAILABLE AT THE MATHEMATICS LAB IN THE
LIBRARY.

COURSE OUTLINE FOR THE WEEK:
WEEK 1           CHAPTER 1:     OPERATION WITH WHOLE NUMBERS (ALL 7 SECTIONS)
WEEK 2/3        CHAPTER 2:     THE INTEGERS ( ALL 6 SECTIONS )
                       CHAPTER TEST
WEEK 4/5        CHAPTER 3:     THE LANGUAGE OF ALGEBRA ( ALL 6 SECTIONS )
WEEK 6           CHAPTER 4:     FRACTIONS AND MIXED NUMBERS ( ALL 8 SECTIONS)
                       CHAPTER TEST
WEEK 7/8         CHAPTER 5:     OPERATIONS ON DECIMALS AND SOLVING EQUATIONS
                       (ALL 8 SECTIONS)
WEEK 9           CHAPTER 6:     GRAPHING LINEAR EQUATIONS, PARABOLAS AND
OPERATIONS WITH POLYNOMIALS ( ALL 6 SECTIONS)  
CHAPTER TEST  
WEEK 10/11  CHAPTER 7:  PERCENT AND APPLICATIONS OF PERCENTS (ALL 4 SECTIONS)  
WEEK 12/13  CHAPTER 8:  RATIO, PROPORTION, AND MEASUREMENT ( ALL 2 SECTIONS)  
CHAPTER TEST  
WEEK 14/15  CHAPTER 9:  INTRODUCTION TO GEOMETRY: PERIMETERS AND AREA OF POLYGONS.

Last Day to Drop Without a “W” Friday, September 26, 2008  
Last Day to Drop with a “W” Friday, November 21, 2008 in person  
Nov. 10 Veterans Day ,Nov. 27-30 Thanksgiving. College Closed  
Date of Final Exams: Dec. 14-20, 2008  

GRADING SYSTEM:  
1. AVERAGE CHAPTER TEST /QUIZZES  55% (Deduct 1 lowest score)  
2. GRADED HOMEWORK/ ATTENDANCE  10%  
3. FINAL TEST  35 %  

HOMEWORK:  
HOMEWORK IS GIVEN TO REINFORCE THE LESSONS FOR THE DAY AND TO DEVELOP THE NECESSARY SKILLS IN MATH. STUDENTS ARE EXPECTED TO DO ASSIGNED NUMBERS, CORRECT OR SOLVE SELECTED PROBLEMS IN CLASS BEFORE INTRODUCING THE LESSON FOR THE DAY.  

TESTS SCORES:  
THERE WILL BE NO MAKE UP’S FOR MISSED TEST. MISSED TEST IS EQUIVALENT TO ZERO SCORE. PLEASE KEEP RECORDS OF ALL SCORES AND HOMEWORK FOR YOUR REFERENCE IN GRADE COMPUTATIONS.  

ATTENDANCE:  
ATTENDANCE WILL BE STRICTLY MONITORED. PLEASE REFER TO THE COLLEGE MANUAL REGARDING ABSENCES POLICY.  

IMPORTANT REMINDER:  
IF YOU PLAN NOT TO CONTINUE THE COURSE, IT IS YOUR RESPONSIBILITY TO APPLY FOR A WITHDRAWAL OF THE COURSE IN THE ADMISSION OFFICE. OTHERWISE A LETTER GRADE OF “F” IS REFLECTED IN YOUR RECORD IF YOUR NAME IS STILL IN THE FINAL CLASS LIST. REFER TO THE COLLEGE CALENDAR FOR DEADLINE SCHEDULE.  

PAGERS AND CELL PHONE MUST BE IN SILENT MODE DURING CLASS HOURS. SLEEPING AND LOUD CONVERSATIONS ARE STRICTLY PROHIBITED AS WELL AS HABITUAL TARDINESS. DISMISSAL ON TIME IS STRICTLY OBSERVED.  

PLEASE FEEL FREE TO SEE ME FOR ANY HELP OR QUESTIONS.  

THANK YOU;  
Alice Constantino  
818 687 3552