Course: MATH 245 MISSION COLLEGE FALL 2008
Ticket Number: 0301 Place: Bung - 1
7:30-8:55 am; M/W

Text: FUNDAMENTALS OF COLLEGE ALGEBRA by Swokowski/Cole Eleventh Edition

Math 245 Student Learning Outcomes:
- Model and solve equations and inequalities, including quadratics and complex numbers.
- Perform operations with complex numbers including exponentiation.
- Perform operations with linear functions and quadratic functions, draw their graphs and find their inverses.
- Model, solve and graph linear and non-linear systems of equations.
- Analyze and graph polynomial and rational functions.
- Perform operations with polynomial functions.
- Perform operations with exponential and logarithmic functions.
- Identify and manipulate sequences and series.
- Interpret summation notation and determines sums of sequences
- Decompose algebraic fractions into partial fractions.
- Solve systems of equations using matrix theory.
- Analyze and graph conic sections.

Instructor: Sister Rita M Basta, BVM
OFFICE HOURS: in Bung 1
7:15am - 7:30am on Mon/ Wed; M/W after class (8:55am-9:05am)
I am also available at CSUN 1:00-2:00 pm M/W and Th 12noon-1pm in SN 111
Phone: 818-677-2498 (preferred phone number); email: rita.basta@csun.edu
You may also email me at BastaRM@lamission.edu

HOMEWORK: Homework will be collected and graded on a daily basis. Homework must be done in pencil and all work must be shown. Credit will not be given if only answers are shown. Either I randomly choose four problems to check or I look to see if all assigned problems were completed with work shown. One day late homework is half credit. Two day late homework is zero credit.

GRADING: There will be about 6 tests given during class time each of which equals 100 points, a cumulative final exam which equals 200 points, a homework grade, and an attendance grade.

ATTENDANCE is worth 80 points. Each day a student comes late, leaves early, or misses a class, 3 points will be deducted.
The final grade will be an average of each test or quiz (600 points), final (200 points), homework (about 20 points per chapter), attendance (80 points). Your final grade will be your total points divided by the highest total that could be earned. A = 90-100; B= 80-89; C=70-79; D=60-69; F=Below 60.

THERE WILL BE NO MAKEUP EXAMS FOR THE IN CLASS TESTS
IF THERE IS SOME PROBLEM ABOUT THE DATE OF CLASS TEST, PLEASE SEE ME PERSONALLY OR CALL ME ON OR BEFORE DAY OF TEST AND CLEARLY EXPLAIN THE PROBLEM. Students who do not take an exam on the specified day (unless there is some extenuating circumstance explained to me prior to the test) will receive 0 points for that test.

TENTATIVE IN CLASS TEST DATES: (Calculators will not be used on tests unless specified)
Sept 10 Chapters 1, 2; October 1 Chapter 3, 5.1; October 20 Chapter 4; November 3 Chapter 5; November 19 Chapter 6; December 3 Chapter 7,8;
Cumulative final exam: Monday, December 15; 7:30 AM - 9:30 AM