Course: MATH 245 MISSION COLLEGE FALL 2013
Ticket Number: 0319 Place: CMS 29
10:40am-12:05pm; M/W

Text: College Algebra 11th edition, by Lial/Hornsby/Schneider/Daniels. The textbook is recommended for the course.

Instructor: Sister Rita M Basta, BVM
OFFICE HOURS: Before class M/W 10:15-10:40 and after class if needed in CMS 029
Phone: 818-364-7600 ext: 4270;
Email: ritabasta@gmail.com (preferred email address) or BastaRM@lamission.edu ;

Prerequisites: Math 125 or 123C with a grade of 'C' or better or appropriate skill level demonstrated through the Math assessment process, or by permit.

Course Description: There will be a review of concepts learned in Intermediate Algebra using more challenging illustrations and examples. Topics include fundamental concepts of algebra, equations and inequalities, functions and graphs, polynomial and rational functions, inverse, exponential and logarithmic functions, matrices, sequences and series.

Math 245 Student Learning Outcomes: By the end of the course, the successful student will be able to:

- Solve and /or graph higher order equations, functions, systems of equations and inequalities
- Calculate sums and terms of sequences and series

Homework and Tests:

- Students enrolled in this section of Math 245 are required to register with the Mylabsplus online program and enroll in my section to complete the required online homework and sample tests. Instructions for accessing the homework program online will be given the first day of class, Aug 26. www.lamc.mylabsplus.com
- Homework will be given online through Mylabsplus. Students should work on their homework as each section is completed in class. The online homework and sample tests are due by the stated due date shown online. Since this online work does not grade each step of students' work, it is important that you use a notebook to show all the steps clearly when solving online assignments. The instructor may require students to turn in all written work per homework assignment to support answers submitted through Mylabsplus. **Keep in mind that you will be required to show steps on the exams in order to get full credit.** All Mylabsplus scores will be automatically transferred to the instructor after students hit the submit button. **Each day that homework is turned in late, 25% will be deducted from that homework total percent**. Worksheets given out during class will be turned in and graded as homework.
- There will be five chapter exams and a cumulative final exam. They are all free response (ie work shown for each problem). Students are not allowed to use notes or graphic calculators during the exams.

Calculators: Scientific (NOT GRAPHING) calculators are required. Cell phones, tablets, laptops etc will not be allowed to use as a calculator.

Grading: Final grades will be based on:

- Final exam (cumulative) 25%
- Chapter exams (4 highest exams out of 5 exams) 15 % each exam
- Homework and quizzes 15 %

So: exams = 60%; final exam = 15%; online homework/worksheets = 15%
Your grade in the course is determined according to the following scale:
A: 90-100% B: 80-89 % C: 70- 79 % D: 60-69% F: 59% and below

There will be no makeup exams for the in class tests but *if there is some problem about the date of class test, please see me personally* or email 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 (see schedule on last page)
September 18 Chapters R, 1; October 9 Chapter 2; October 23 Chapter 3; November 6 Chapter 4;
December 2 Chapters 5 and 7
Cumulative final exam: Wednesday December 11; 10:00 AM – 12:00 PM

Important information:

- **The last day to drop without a 'w' with refund is September 8**
  If you drop after this day, you will receive a 'w'.
- **Students are limited to three (3) attempts at passing a course with a 'c' or better. This rule is retroactive. Any letter grade or 'w' counts as an attempt.**
  This means that if a student got a 'w' and a 'd' in math 245 several years ago, s/he has one more chance to pass before s/he is prevented from enrolling in math 245 in the district.

Important Dates:
Last day to add September 6, 2013;
Last day to drop without receiving a "W" with refund (done online only) September 8, 2013
Last day to drop without incurring fees or with a refund(done online only) September 8, 2013
Last day to drop with "W" (letter grade required from this date forward) November 17

Getting Help:

- Free tutoring is available in the Math Center (CMS 121) and in the LRC.

Math Center hours are: M-Th 11am-8pm

- Use the online help offered in Mylabsplus as you are doing your homework
- Use the STEM website and find the topic : www.lamission.edu/mathcenter/resources.aspx

FINAL EXAM: WEDNESDAY, December 11; 10 AM—12 PM

MATH 245 SPRING 2013 TENTATIVE SCHEDULE ** SE=summary exercises

Week	Dates	Monday	Wednesday	Online homework due date
1	Aug 26 Aug 28	R.3;R.4; computer lab info	R.5;R.6	Mon. HW and Wed. HW is due September 4
2	Sept 2 labor day Sept 4	No class	R.7; 1.1;1.3	Wednesday HW is due September 9
3	Sept 9 Sept 11	1.4;16;	1.7;1.8; Summary exercises; Give out Ch R,1 review	Mon HW due Sept 11; Wednesday HW due September 16
4	Sept 16 Sept 18	rev ChapR,1 2.1;2.2;2.3	Chapter R and 1 Test	Chapter 2 Hw due September 23
5	Sept 23 Sept 25	2.4;2.5	2.6;2.7; Summary exercises	Monday HW due Sept 25;Section 2.6 and SE due September 30
6	Sept 30 October 2	2.7;2.8	2.8; Give out Ch 2 review	Section 2.7 due Oct. 2 and section 2.8 Due Oct 7
7	October 7 October 9	Review Chapter 2; 3.1;3.2	Chapter 2 Test	Sections 3.1 and 3.1 due Oct 14
8	October 14 October 16	3.3; 3.4; SEI	3.5; SE II; Give out Ch3 review	Sec. 3.3 and sec 3.4 due Oct 16; SEI, SEII, and section 3.5 due Oct 21
9	October 21 Ocotber 23	Review Ch 3; 4.1;4.2	Test Chapter 3	Sec 4.1 and 4.2 due Oct 28
10	October 28 October 30	4.3;4.4 Summary exercises;	4.5; Give out Ch 4 review	Sec 4.3 and SE due Oct 30; section 4.4 and section 4.5 due November 4
11	November 4 November 6	Review ch 4; 5.1;5.2	Test Chapter 4	Section 5.1 and 5.2 due Nov 13
12	November 11 November 13	No Class-Veteran's Day	5.3;5.4	Section 5.3 due Nov 18 and section 5.4 due Nov 20
13	November 18 November 20	5.4;5.5;Summary Exercises	7.1	Section 5.4, 5.5, due November 20 Section 7.1 and SE due No 25
14	November 25 November 27	7.2;7.3;Summary Exercises;Give out Ch 5, 7 review	Review Ch 5 and Ch 7; Start review for final.	Sec 7.2, 7.3 and SExercises due Nov 27
	Thanksgiving vacation			
15	December 2 December 4	Chapter 5 and 7 Test Review for final	Review for final	