MATH 245 CLASS SYLLABUS FALL 2013

Course: College Algebra

Section 0318

Mondays & Wednesdays 7:15-8:40am

CMS 022

Instructor: C. Reyes

Office Hours: 8:30-10:00 am Fridays or by appointment in CMS 247

Voice mail (818) 364-7600 x 4236 (repeat your number twice, clearly and slowly)

E-mail: reyesch@lamission.edu

Website: www.lamission.edu/~reyesch

Text: College Algebra 11th Edition (purchase with MyLabsPlus)

Lial/Hornsby/Schneider/Daniels

Important Dates

September 2: Labor Day Holiday September 6: Last day for a add

September 8: Last day to drop without a "W"

November 11: Veteran's Day Holiday

November 17: Last day to drop with a "W" November 28: Thanksgiving Day Holiday December 9: **Final Exam 7:30-9:30 am**

Wherever there is number, there is beauty.

Diadochus Proclus (410-485), Mathematician

Course Objectives

Topics covered will include the following: Equations and Inequalities; Graphs and Functions; Polynomial and Rational Functions; Inverse, Exponential, and Logarithmic Functions; Systems and Matrices; and Sequences and Series. In most part, Chapters 1-5, and 7 will be covered from the text. Some sections will be omitted. These omitted sections will be announced during the course.

Student Learning Outcomes:

By the end of the course, the successful student will be able to:

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

WITHDRAWALS:

If you stop attending the class (or wish to drop a class) on or before November 17, 2013, you must drop the class yourself – officially – by Internet or through the Office of Admissions and Records. Failure to do so may result in a grade of "F" in the class. Please take note of important dates noted below and in the timeline.

TITLE V AND EDUCATION CODE CHANGES ON CLASS REPETITION:

Students are limited to three attempts at passing a course with a "C" or better. Any letter grade or "W" counts as an attempt. This rule is retroactive. It 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.

DISABLED STUDENTS:

Students with a verified disability who may need authorized accommodation(s) for this class are encouraged to notify the instructor and the Office of Disabled Students Programs and Services (DSPS) in Inst 1018 as soon as possible, at least two weeks before any exam or quiz. All information will remain confidential.

Calculators:

A scientific calculator will be allowed for class and exams. No graphing calculators allowed.

Tutoring:

If you have questions and cannot make it to office hours, or you just like to get more help, free tutoring is available at the Math Center located in CMS 121.

Do not worry about your difficulties in mathematics; I assure you that mine are greater.

Albert Einstein (1879-1955)

Homework and Exams

- All homework will be given through MyLabsPlus. Students should work on their homework as each section is completed in class. Students and are required to complete their homework assignments by the stated due date shown online. Since MyLabsPlus does not grade each step of students' work, it is important that students write down their solving steps clearly on a notebook in order to identify the mistakes made. It is important that you complete homework assignments to reinforce skills taught in class. In addition, I will occasionally review your notebook.
- Group work and class work (5% of your grade) will be assigned throughout the semester. Attendance is important since **no make-up class work** will be accepted. There will be five exams (worth 100 points each). If you miss an exam, the final will replace the missed score. **No make-up exams** will be given (no exceptions). The final exam will be cumulative covering the material presented throughout the course.

Class Expectations

Students are expected to follow the "Standards of Student Conduct" and "Student Academic Integrity Policy Statement" for Mission College. Please arrive on time and be present throughout the entire class. Students are to wait until the end of lecture to leave the room to minimize class disruptions. Students should not be engaged in personal conversations while instructor is lecturing. Students must turn off cell phones, as well any other electronic devices during class time. Students should also be prepared to discuss any previous assignments. It is the student's responsibility to drop the class if he/she no longer decides to attend class. Any student appearing on the grade roster will receive a grade regardless of whether they are attending classes or not. To be successful in this and any other math class, expect to spend at least two hours for every class hour. The majority of learning that you do in college courses takes place outside of class.

Any form of academic dishonesty will not be tolerated. If caught, you may be given a zero for that particular exam or quiz. The event will be reported to the Math Department Chair who will forward the report to the VP of student services for disciplinary action which may include suspension or expulsion.

Grading

Your final grade will be calculated as follows:

Total points received	= % grade
Total points possible	_

The breakdown is as follows:

The following grading scale will be used

		Exams 60%
A	90-100%	Homework: 10%
В	80-89%	Final: 25%
C	70-79%	Class Work: 5%
D	60-69%	

F 0-59%

For borderline cases attendance, participation, and level of improvement on the final are considered.

Useful Websites:

www.Khanacademy.org

http://yaymath.org

www.math.com

www.mathtv.com

www.onlinemathlearning.com

www.youtube.com

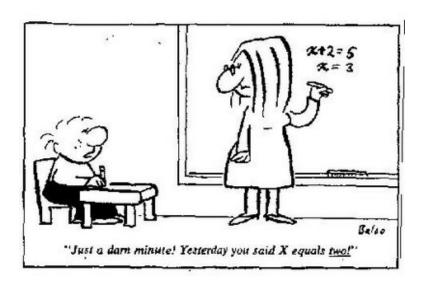
If you search on a specific math topic on You Tube, you may find some video instruction associated with the topic. For example, search for "Adding Fractions" will result in various video mini lessons.

Extra Credit Assignment: Due by Wednesday, September 4

(Note: This will be the only extra credit assigned.)

Go to my website: http://www.lamission.edu/~reyesch and open document:

BRAINOLOGY.PDF
Read the entire article and write a summary limited to one page in length and two paragraphs. In paragraph one, summarize the article. For paragraph two, reflect on the type of mindset you had in the past and what you now think after reading this article. (10 pts)



math 245 OUTLINE (Tentative: subject to change)

Week	Date	Monday	Wednesday
1	Aug 26 / Aug 28	Intro, Ch Rev	Ch Rev
2	Sep 2 / Sep 4	Labor Day Holiday	1.1-1.2
3	Sep 9 / Sep 11	1.3-1.4	1.5-1.6
4	Sep 16 / Sep 18	1.7-1.8	Review
5	Sep 23 / Sep 25	Test I: Ch. R & 1	2.1-2.2
6	Sep 30 / Oct 2	2.3-2.4	2.5-2.6
7	Oct 7 / Oct 9	2.7-2.8	Review
8	Oct 14 / Oct 16	Test II: Ch. 2	3.1-3.2
9	Oct 21 / Oct 23	3.3-3.4	3.5-4.1
10	Oct 28 / Oct 30	Review	Test III: Ch. 3
11	Nov 4 / Nov 6	4.2-4.3	4.4-4.5
12	Nov 11 / Nov 13	Veteran's Day Holiday	Review
13	Nov 18 / Nov 20	Test IV: Ch. 4	5.1-5.2
14	Nov 25 / Nov 27	5.3-5.4	5.5-7.1
15	Dec 2 / Dec 4	7.2-7.3, Review	Test V: Ch 5 & 7
16	Dec 9 / Dec 11	Final Exam (7:30 am-9:30 am)	No Class