MATH 245
CLASS SYLLABUS SPRING 2013

Course: College Algebra
Section 0384
Mondays & Wednesdays 7:20-8:45am
CMS 022

Instructor: C. Reyes
Office Hours: 8:30-10:00 am Thursdays 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 MyMathLab)
Lial/Hornsby/Schneider/Daniels
Course ID to register for MyMathLab: reyes62141

Important Dates

February 18: President's Day Holiday
February 15: Last day for a refund/add
February 18: Last day to drop without a "W"
April 1 –April 4: Spring Break
May 5: Last day to drop with a "W"
May 27: Memorial Day Holiday
June 3: **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 May 5th, 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. The procedures for dropping classes are detailed on page 48 of the Spring 2013, Schedule of Classes.

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. For spring 2013, the last day to drop without receiving a "W" is Monday, February 18.

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.

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

Albert Einstein (1879-1955)

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.

Homework and Exams

- All homework (10% of your grade) will be given through MyMathLab. 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 MyMathLab 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.
- 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 four exams (worth 100 points each). **No make-up exams** will be given (no exceptions). In addition, there will a final exam (165 points) which will be cumulative covering the material presented throughout the course. If you miss an exam, the final will replace the missed score. Also, your final exam can replace your lowest test score if it is to your benefit.

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:

$$\frac{\text{Total points received}}{\text{Total points possible (670)}} = \%\ \text{grade}$$

The following grading scale will be used

A	90-100%
B	80-89%
C	70-79%
D	60-69%
F	0-59%

The breakdown is as follows:
Exams 60% (400 pts)
Homework: 10% (73pts)
Final: 25% (165 pts)
Class Work: 5% (32 pts)

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

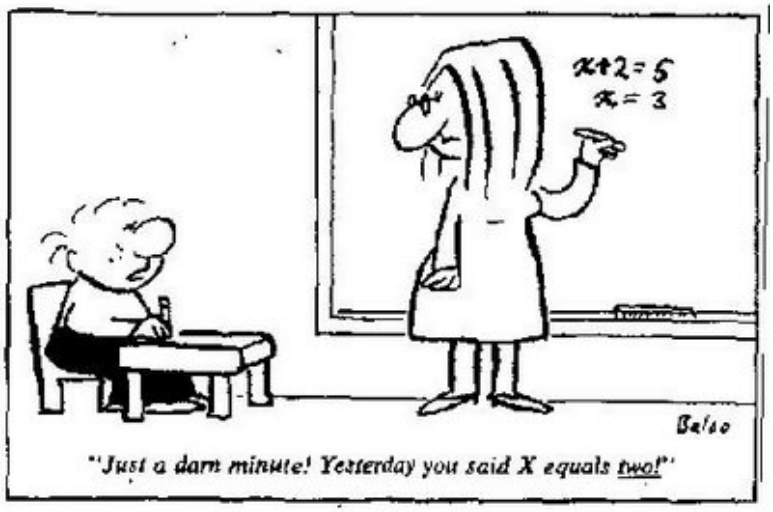
If you search on a specific math topic on You Tube, you may find some video instruction associated with the topic. For example, search for "Adding Fractions" will result in various video mini lessons.

math 245 OUTLINE

(Tentative: subject to change)

Week	Date	Monday	Wednesday
1	Feb 04 / Feb 06	Intro, R3 (read R1-R2)	R4-R5
2	Feb 11 / Feb 13	R6-R7	1.1-1.2
3	Feb 18 / Feb 20	***President's Day (no class)***	1.3-1.4
4	Feb 25 / Feb 27	1.5-1.6	1.7-1.8
5	Mar 04 / Mar 06	Review	**Test I: Ch. R & 1**
6	Mar 11 / Mar 13	2.1-2.2	2.3-2.4
7	Mar 18 / Mar 20	2.5-2.6	2.7-2.8
8	Mar 25 / Mar 27	Review	**Test II: Ch. 2**
9	Apr 01 / Apr 03	***Spring Break (no class)***	***Spring Break (no class)***
10	Apr 08 / Apr 10	3.1-3.2	3.3-3.4

11	Apr 15 / Apr 17	3.5-4.1	4.2-4.3
12	Apr 22 / Apr 24	4.4-4.5	Review
13	Apr 29 / May 01	**Test III: Ch. 3 & 4**	5.1-5.2
14	May 06 /May 08	5.3-5.4	5.5-7.1
15	May 13 / May 15	7.2-7.3	Review
16	May 20 / May 22	**Test IV: Ch 5 & 7**	Final Review
17	May 27 / May 29	***Memorial Day (no class)***	No Class
18	June 03 / June 05	**Final Exam (**7:30 am-9:30 am)	No Class

Extra Credit Assignment: Due by Monday, Feb 11

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, think about what type of mindset have you had in the past and what do think after reading this article? (10 pts)