Math 123C	Elementary and Intermediate Algebra III
Fall 2012	Instructor: AVENDANO JR., JOSE

Section: 3230 Lecture Time: MW 4:20 – 5:45 pm
Lab Time: MW 5:45 – 6:40 pm
Location: Math Center (in Campus Center building)

Office Hours: MW 10:45–11:30 am (CMS 121), MW 3:15–3:45 pm (LRC), or by appt.
Office Location: CMS 121 (in new building) and LRC
Telephone: (818) 364-7600, ext. 4407
E-mail: avendaj@lamission.edu
Website: http://www.lamission.edu/~avendaj
MyMathLab Course ID: avedano26249

PREQUISITE:
Math 123B with a grade of C or better, or appropriate skill level demonstrated through the mathematics assessment process.

REQUIRED TEXT:
Beginning & Intermediate Algebra, 4th Ed, by Elayn Martin-Gay. Students may purchase the MyMathLab access code only since MyMathLab contains the full eBook in the program. No new purchase is necessary for students who have used MyMathLab for Math 123A and 123B.

CALCULATORS:
Only stand alone scientific calculators are allowed during the exams. Graphing calculators, cell phones, smart phones, laptops, ipads, tablets, etc. are not allowed during exams.

COURSE OBJECTIVES:
Simplify algebraic fractions using the basic operations of addition, subtraction, multiplication and division; solve equations containing algebraic fractions; determine roots; simplify, add, subtract, multiply and divide radicals; solve equations containing radicals; define and analyze linear and quadratic functions; graph and analyze various functions using the method of transformations; solve compund inequalities, solve absolute-value linear equations and inequalities, graph linear and nonlinear inequalities; identify and graph conic sections; evaluate and graph exponential and logarithmic functions; find the general term of a sequence, identify arithmetic and geometric sequences, write a series using summation notation.

STDENT LEARNING OUTCOMES:
Upon completion of this course, the student will be able to:
1. Apply the appropriate strategy to solve, graph and analyze various equations and inequalities (absolute value, exponential and logarithmic equations).
2. Use and interpret function notations in both algebraic and graphical contexts.

COURSE ORGANIZATION:
The lecture and the lab will follow the attached course schedule as closely as possible. Math 123C is a traditional lecture-based course combined with computer aided instruction. Students are required to maintain a notebook. In order to pass Math 123C, students must attend both the class lecture and the lab per class meeting.
During the lab hour, students work on MyMathLab independently in the computer lab of the Math Center. The instructor is available to handle individual questions, offer mini-lecturers, and establish some collaborative learning environment.

HOMEWORK and LAB ASSIGNMENTS through MyMathLab:

- Students need to have easy access to a computer with Internet access and a working email address. Students enrolled in Math 123C are required to purchase access to MyMathLab (MyLab/Mastering), an online computer program, and enroll in the section with course ID **avedano26249** to complete the required homework and lab assignments. The access code for MyMathLab may be purchased separately or packaged with a new textbook sold in the LA Mission College bookstore. Textbooks purchased online or at other bookstores may not include the access code for MyMathLab. In that case students may purchase the access code for MyMathLab separately online at http://pearsonmylabandmastering.com/.
- All homework and lab assignments will be given through MyMathLab. Students should work on their homework as each section is completed in class. Students should work on their lab assignments during lab hours and are required to complete their lab 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 paper in order to identify the mistakes made. All MyMathLab scores will be automatically transferred to the instructor after students hit the save button. Instructor may require students to turn in all written work per assignment to support answers submitted through MyMathLab.
- **No late homework and lab assignment will be accepted**.

TESTING AND GRADING POLICIES:

Tests are paper and pencil format, and are taken in class on the scheduled date. All work must be shown for credit. Questions on the tests and final exam are based on assigned homework and lab assignments, including the practice tests. There will be no make-ups for missed tests and/or the final exam. If the final examination score is higher than the lowest score of all tests, its percentage score will be used to replace the lowest test score. The final exam is comprehensive.

Grade Calculation:

Homework and Lab Assignment	22%
Tests (5)	56%
Final	22%

Grade Cutoff:

90% to 100%	A
80% to 89%	B
70% to 79%	C
60% to 69%	D
Below 60%	F

TUTORIAL SERVICE:

Free tutoring is available in the Math Center in **CMS 121 (in the new building)** and the Learning Resources Center (**LRC**) in the library. MyMathLab online tutorials can be accessed in the Math Center computers or any other computer with Internet access. Video lectures for each section of each chapter of the textbook are accessible through MyMathLab under Multimedia Library on the left column, and selecting Section Video Lecture.

ATTENDANCE:

Regular and punctual attendance is expected! Coming to class late or leaving early is disruptive, discourteous, and not acceptable. If you want to succeed in this course, you cannot afford to miss class. Unlike many other courses, missing just one mathematics class will immediately place you at a disadvantage because it is difficult, if not impossible, to catch up on the missed material by yourself. You are responsible for all material presented and discussed in every class meeting. You could be dropped after 4 absences, but it is your responsibility as a student to drop a class if you decide to stop attending class.

WITHDRAWALS:

If you stop attending the class (or wish to drop a class) on or before November 18th, 2012, 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 Fall 2012 Schedule of Classes.

Significant changes to the drop policy and class repetition are now effective.
Last day to drop without a W: In the past this was the census date, which was about the 3rd week of classes. It is now the same day as the last day to add, which is September 7 (in person), or September 9 (online).

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, and at least two weeks before any exam or quiz. All information will remain confidential.

CHEATING:
Any work that is not the student's, or that the student has allowed others to copy, will receive an automatic "F" for the assignment or the course.

STUDENT CONDUCT:
Students are expected to adhere to all school policies as described in the Schedule of Classes. Any infringement upon the rights of the other students in the class, such as talking or disruptive behavior, will not be tolerated.

CELL PHONES:
Please turn off your phones before coming to class. Class time is for learning mathematics, not for personal or business calls or texting.

IMPORTANT DATES:
Last day to add classes: Friday, September 7
Last day to drop **with** a "W": Sunday, November 18
Last day to drop **without** a "W": Sunday, September 9
Final Exam: **Monday, December 10, 5:30 – 7:30 pm**

Math 123C Tentative Schedule

Week	Date	Monday	Wednesday
1	Aug 27/ Aug 29	Review (Rational Expressions & Equations)	Review (Radical Expressions & Equations)
2	Sept 03 / Sept 05	***Labor Day (no class)***	Review
3	Sept 10 / Sept 12	**Rational & Radical Expressions and Equations Test**	3.6, 8.1
4	Sept 17 / Sept 19	8.2 to 8.3	11.5 to 11.6
5	Sept 24 / Sept 26	Review	**Basic Functions & Transformation Test**
6	Oct 01 / Oct 03	9.1	11.4
7	Oct 08 / Oct 10	9.2 to 9.3	9.4
8	Oct 15 / Oct 17	Review	**Ch9 & 11.4 Test**
9	Oct 22 / Oct 24	13.1	13.2 to 13.3
10	Oct 29 / Oct 31	13.3 to 13.4	Review
11	Nov 05 / Nov 07	**Ch13 Test**	12.1 to 12.2
12	Nov 12 / Nov 14	***Veteran's (no class)***	12.3 to 12.4
13	Nov 19 / Nov 21	12.5 to 12.6	12.6 to 12.7
14	Nov 26 / Nov 28	Review	**Ch12 Test**
15	Dec 03 / Dec 05	14.1-14.3 (Basic)	Final Review
16	Dec 10 / Dec 12	**Final Exam** (**5:30 – 7:30 pm**)	No Class