Instructor: Tigran Mkrtchyan
E-mail: mkrtcht@lamission.edu
Website: www.mymathlab.com
Phone: 818-364-7669
Office Location: CMS 249 (inside CMS 247)
Office Hours: M,T,W,Th 10:00-11:30 AM or by appointment

Prerequisites: Math 115 with a grade of “C” or better or appropriate skill level demonstrated through the Math assessment process, or by permit.

Course Description: This course will prepare you for the next college-level math class such as Statistics, College Algebra, Calculus for Business and Social Science. There will be a brief review of concepts learned in Elementary Algebra using more challenging illustrations and examples. New topics include: rational exponents, nonlinear and absolute value inequalities, functions and their graphs, introduction to the conic sections, solving systems of three variables, second-degree systems, and an introduction to exponential and logarithmic functions.

Student Learning Outcomes: By the end of the course, the successful student will be able to:
1. Solve, graph, and analyze various equations or systems of equations and inequalities.
2. Interpret, graph and analyze various functions.

Class Format: The is a hybrid course (combination of online and face to face meetings)

Required Meetings:
- Tuesday, February 9, Orientation, 4:00 to 6:00 p.m., Location: CMS 30
- Saturday, March 5, Exam # 1 (chapters 3,4,5), 1:00 to 3:00 p.m., Location: CMS 120
- Saturday, March 26, Exam # 2 (chapters 6,7), 1:00 to 3:00 p.m., Location: CMS 120
- Saturday, April 23, Exam # 3 (chapters 8,9), 1:00 to 3:00 p.m., Location: CMS 120
- Saturday, May 21, Exam # 4 (chapters 10,11,12), 1:00 to 3:00 p.m., Location: CMS 120
- Saturday, June 04, Final Exam 1:00 to 3:00 p.m., Location: CMS 120

Optional Review Meetings [You are strongly encouraged to attend these meetings to prepare for the exams]:
- Saturday, February 27, Review (chapters 3,4,5), 1:00 to 3:00p.m., Location: CMS 120
- Saturday, March 19, Review (chapters 6,7), 1:00 to 3:00 p.m., Location: CMS 120
- Saturday, April 16, Review (chapters 8,9), 1:00 to 3:00 p.m., Location: CMS 120
- Saturday, May 28, Review (chapters 10,11,12), 1:00 to 3:00 p.m., Location: CMS 120
- Saturday, June 4, Review (Final Exam Review), 1:00 to 3:00 p.m., Location: CMS 120
Textbook and Courseware

*Beginning and Intermediate Algebra*, by Elayn Martin-Gay, Custom Edition for Los Angeles Mission College. If you took Math 115 recently at LAMC, you may have bought this book and used MyMathLab to do the online assignments. In that case, you don’t need to buy anything for this class. If you didn’t buy the book mentioned above, nor used the MyMathLab courseware, then you may purchase the textbook from the bookstore (check if it’s bundled with access code). If you choose not to buy the textbook, you may purchase the code online through MyMathLab (approximately $95), and this will give you access to the course and e-book.

This course using MyMathLab will open on Monday, February 08. We will have a hands-on introduction of the courseware at the Orientation meeting on February 09, CMS 30, at 4:00 p.m.

Course Structure

The course is divided into 16 modules called “Weeks”. The modules consist of homework assignments, quizzes, readings and videos. Students can do a similar exercise to regain points missed for homework before the due date. MyMathLab will provide immediate feedback with tutorial resources (solutions to similar problems, videos, etc) for your online homework assignments. Students are expected to finish their online assignments by the stated due date shown online. A 25% deduction per day will be implemented for late HW submission. Since MyMathLab does not grade each step of a student’s work, it is important that students write down their solving steps clearly on a notebook in order to identify mistakes made. No immediate feedbacks will be given and no late submission will be accepted for online quizzes. However, you are allowed to take an online quiz with multiple attempts before the due date. Four tests will be given for this course. The final exam is comprehensive.

Discussion Forums: You are encouraged to post questions you have on the MyMathLab Discussion Forum under appropriate chapter. For borderline cases, active participation in the discussion

Important Dates:

<table>
<thead>
<tr>
<th>Event</th>
<th>Date</th>
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<tbody>
<tr>
<td>Last day to ADD full term classes:</td>
<td>Monday, February 8</td>
</tr>
<tr>
<td>Last day to drop without receiving a “W”</td>
<td>Sunday, February 21</td>
</tr>
<tr>
<td>Final Exam:</td>
<td>Saturday, June 04, 1:00 - 3:00 pm</td>
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Withdrawals and Exclusions:

If you fail to log into the class during the first two weeks you will be excluded from the class. You need to log into the class several times a week. If you stop working on the assignments (or wish to drop a class), you must drop the class yourself – officially. Failure to do so may result in a grade of “F” in the class. A new state policy limits students to **three attempts per course**. Receiving a grade or a “W” for a course counts as an attempt, regardless of when the course was taken.

Calculators: Scientific (not graphing) calculators are required during the exams. Any kind will do the job. Cell phones or IPods will not be allowed to use as a calculator.

Student Conduct

Students are expected to adhere to all school policies, and to abide by the standards of student conduct as described in the 2015-2016 College Catalog on page 36 to 38. Any infringement upon the rights of other students in the online class setting such as disruptive behavior will not be tolerated. Please treat contributions made by your classmates with respect. Netiquette Guidelines: [http://www.cgspitt.org/medialibrary/File/Tips_For_Success/TipsforSuccess_Netiquette.pdf](http://www.cgspitt.org/medialibrary/File/Tips_For_Success/TipsforSuccess_Netiquette.pdf)
Cheating:
Any form of academic dishonesty will not be tolerated. If any students caught cheating, for example, 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. The event will be reported to the Math Department Chair who will forward the report to the VP of student services for disciplinary action.
Reference to 2013-2014 College Catalog, p.36 to p.38, Standard of Student Conduct and Disciplinary Action.

Accommodations for DSPS students:
LAMC students with verified disabilities who are requesting academic accommodations should use the following procedure:
Step 1: Obtain documentation of your disability from a licensed professional. You may contact DSPS to request a Disability Verification Form.
Step 2: Make an appointment to meet with a DSPS Specialist to review your documentation and discuss reasonable accommodations. To schedule a meeting, please call DSPS at (818)364-7732.
Step 3: Bring your disability documentation to your DSPS appointment. The DSPS office is located in room 1018 of the Instructional Building.
Step 4: Each semester, reach written accommodation agreement with the DSPS Specialist and your instructor.

To be most effective, students should complete this process by the end of the 3rd week of the semester. Tests with required accommodations must be taken at the DSPS office.

Testing:
Questions on quizzes, tests, and final examination will be based on assigned homework assignments. A week before the test, a sample test will be posted for your practice. You are allowed to use a scientific calculator on exams. Cellular phones, Ipods, Ipads, and graphing calculators are not allowed on exams. All tests and final exam are scheduled and proctored in the required meetings.
There will be no make-up quizzes, tests, or final exam. The lowest test and the lowest quiz scores will be dropped.

Tutorial Service for this class
Free tutoring is available at the Math Center, which is located in CMS 121.
The operation hours for Spring 2016 are Monday to Thursday from 10:00 a.m. to 8:00 p.m.
and Friday to Saturday from 10:00 a.m. to 4:00 p.m.
Phone: (818) 364-7811 or visit www.lamission.edu/mathcenter.

Technical Requirements: The minimum computer requirements are: Computer, either a PC or Macintosh; modem, minimum 28.8, broadband or high speed internet access is preferred and is required to view the videos.
Software: Web browser software, preferably the latest version of Google Chrome (http://chrome.google.com) or Firefox (http://www.mozilla.com/en-US/firefox/all.html)
If you don’t have computer and Internet access, you may use computers in the campus Learning Resource Center or STEM Center (CMS 121).

Instructor Communication Policy
The preferable way to communicate with me is through emails. I will respond to your email within 36 hours. My email address is mkrtcht@lamission.edu and phone number is (818) 364–7669.

Grading

<table>
<thead>
<tr>
<th>Percentage Distribution</th>
<th>Assigned Grade</th>
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</thead>
<tbody>
<tr>
<td>Homework 16%</td>
<td>90 - 100% A</td>
</tr>
<tr>
<td>Quizzes 11%</td>
<td>80 - 89% B</td>
</tr>
<tr>
<td>Exams 48%</td>
<td>70 - 79% C</td>
</tr>
<tr>
<td>Final 25%</td>
<td>60 - 69% D</td>
</tr>
<tr>
<td></td>
<td>Below 60% F</td>
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Resources Available to Students at LA Mission College:

- **Bookstore:** For hours of operation, book availability, buybacks, and other information call (818) 364-7798 or 364-7768 or visit [http://eagleslanding.lamission.edu/](http://eagleslanding.lamission.edu/)

- **Counseling Department:** For appointments and information call (818) 364-7655 or visit [https://www.lamission.edu/counseling/](https://www.lamission.edu/counseling/)

- **Disabled Students Programs and Services:** For appointments and information call (818) 364-7732 or visit [http://www.lamission.edu/dsps/](http://www.lamission.edu/dsps/)

- **Extended Opportunity Programs and Services:** For appointments and information call (818) 364-7645 or visit [http://www.lamission.edu/eops/](http://www.lamission.edu/eops/)

- **Financial Aid:** For information and applications call (818) 364-7648 or visit [http://www.lamission.edu/financialaid/](http://www.lamission.edu/financialaid/)

- **Library:** For information on library hours, resources, workshops, and other services contact (818) 364-7105 or 364-7106 or visit [http://www.lamission.edu/library/](http://www.lamission.edu/library/)

- **Tutoring Services in Learning Center:** Laboratories for Learning & Writing. Walk-in and appointment services offered. Call (818) 364-7754 or visit [http://www.lamission.edu/learningcenter/](http://www.lamission.edu/learningcenter/)

- **STEM Math Center:** Free Math tutoring, computer and internet access. Call (818) 364-7811 or visit [http://www.lamission.edu/mathcenter/](http://www.lamission.edu/mathcenter/)

- **STEM Program:** For those interested in pursuing a science, technology, engineering and math, please call the STEM counselor Marina Sangkavichai at (818) 833-3425 or visit [http://www.lamission.edu/stem/](http://www.lamission.edu/stem/)

- **Student Service Resources:** For a directory of student resources, visit [http://lamission.edu/de/student-services/](http://lamission.edu/de/student-services/)
## Math 125 Schedule

<table>
<thead>
<tr>
<th>Week</th>
<th>Date</th>
<th>Content</th>
<th>Required Meetings</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Feb 08 / Feb 13</td>
<td>Review of Math 115 (Ch 3)</td>
<td><strong>Feb. 09</strong>, Orientation, 4:00 to 6:00p.m., Room: CMS 30</td>
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<tr>
<td>2</td>
<td>Feb 15 / Feb 20</td>
<td>Review of Math 115 (Ch 4)</td>
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<tr>
<td>3</td>
<td>Feb 22 / Feb 27</td>
<td>Review of Math 115 (Ch 5)</td>
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<tr>
<td>4</td>
<td>Feb 29 / Mar 5</td>
<td>Review of Math 115 (Ch 6)</td>
<td><strong>March 5</strong>, Exam # 1 (ch. 3,4,5), 1:00 to 3:00 p.m., Room: CMS 120</td>
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<tr>
<td>5</td>
<td>Mar 7 / Mar 12</td>
<td>Review of Math 115 (Ch 6), 6.6</td>
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<td>6</td>
<td>Mar 14 / Mar 19</td>
<td>Review of Math 115 (Ch 7)</td>
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<tr>
<td>7</td>
<td>Mar 21 / Mar 26</td>
<td>7.4, Review of Math 115 (Ch 8)</td>
<td><strong>March 26</strong>, Exam # 2 (ch. 6,7), 1:00 to 3:00 p.m., Room: CMS 120</td>
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<tr>
<td>8</td>
<td>Mar 28 / Apr 02</td>
<td>8.2, 8.7, 9.1-9.2</td>
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<tr>
<td>9</td>
<td>Apr 04 / Apr 09</td>
<td>SPRING BREAK</td>
<td>SPRING BREAK</td>
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<tr>
<td>10</td>
<td>Apr 11 / Apr 16</td>
<td>9.3, 9.5, 9.6</td>
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<tr>
<td>11</td>
<td>Apr 18 / Apr 23</td>
<td>10.1, 10.2, 10.3, 10.4</td>
<td><strong>April 23</strong>, Exam # 3 (ch. 8,9), 1:00 to 3:00 p.m., Room: CMS 120</td>
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<tr>
<td>12</td>
<td>Apr 25 / Apr 30</td>
<td>11.1, 11.2, 11.3, 11.4</td>
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<tr>
<td>13</td>
<td>May 02 / May 07</td>
<td>12.1, 12.2, 12.3</td>
<td></td>
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<tr>
<td>14</td>
<td>May 09 / May 14</td>
<td>12.4, 12.5, 12.6</td>
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<tr>
<td>15</td>
<td>May 16 / May 21</td>
<td>12.7, 12.8, 13.1, 13.2</td>
<td><strong>May 21</strong>, Exam #4 (ch. 10,11,12), 1:00 to 3:00 p.m., Room: CMS 120</td>
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<tr>
<td>16</td>
<td>May 23 / May 28</td>
<td>13.3, 13.4</td>
<td></td>
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<tr>
<td>17</td>
<td></td>
<td></td>
<td><strong>Final Exam</strong>: Saturday June 04, 1:00 – 3:00 pm</td>
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