

Math 245, College Algebra, Spring 2018

Instructor: Roula Dakdouk **Section:** 24416, **Class Time:** TTh 10:35am-12Noon, **Location:** CMS 22

Instructor Contact Information:

E-mail: dakdourr@lamission.edu

Website: www.mymathlab.com (**Course ID:** dakdouk88656)

Phone: 818- 833-3380

Office Location: CMS 248 (inside CMS 247)

Office Hours: MW 10:20am-12:20pm, 2:50 – 4pm

Textbook: *College Algebra*, 12th edition, by Lial/Hornsby/Schneider/Daniels.

The textbook is highly recommended, and should you decide to buy it, please make sure you buy it from the bookstore, as it comes bundled with a MyMathLab access code we will use to access online assignments.

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.

Important Dates for Spring 2018:

Last day to add a Full Term class:	February 19, 2018
Last day to drop without a “W”:	February 20, 2018
Last day to drop with a “W”:	May 6, 2018 (online)
Final Exam:	Thursday, May 31, from 10:00AM – 12:00 PM

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, sequences and series, topics from analytic geometry.

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.

Attendance and Participation: It is very important that you attend every day. All students are expected to arrive on time. Students must turn off all cell phones and other electronic devices while in class.

Unexcused absences of two meetings may result in excluding you from class. However, **should a student decide to stop attending class it is their responsibility to drop the class; failure to do so may result in a grade of F.** All students appearing on the grade roster will receive a grade regardless of whether they are attending classes or not. In order to succeed in class your mere presence in the classroom is not enough. You should actively participate in the classroom activities and discussions, take notes and ask questions each time you don't understand.

Online Homework and Quizzes:

- Students enrolled in this section of Math 245 are required to register with MyMathLab online program and enroll in my section to complete the required online homework and quizzes. The access code for MyMathLab will be packaged with the new textbook sold in the bookstore. The course ID for MyMathLab is dakdouk88656 . Textbooks purchased online thru outside vendors, or at other bookstores may not include the access code for MyMathLab. In that case students may purchase the access code online while registering at <http://pearsonmylabandmastering.com>.
- Homework and quizzes will be given online through MyMathLab. Students should work on their homework/quizzes as each section is completed in class. Students must complete all online homework and quizzes by the stated due date shown online. Since MyMathLab does not grade each step of students' work, it is important that students use a notebook to show all the steps clearly when solving online assignments.

Instructor may require students to turn in all written work per homework assignment or chapter quiz to support answers submitted through MyMathLab. Keep in mind that you will be required to **show steps on the exams** in order to get full credit. All MyMathLab scores will be automatically transferred to the instructor after students hit the submit button. **No late homework or quizzes will be accepted.**

Exams: There will be five exams. They are all free response. Students are not allowed to use notes during exams. The tentative testing schedule is given in the timeline at the end of this syllabus. The lowest exam score is dropped.

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

Cheating: 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.

Tutoring:

If you have questions or you would just like to get more help, free tutoring is available in the STEM Center located in CMS121 and in LRC. The hours of the STEM Center are: M-Th 11am-7pm. On Fridays, there will be Math tutoring at the LRC from 10am-4pm.

Grading: Final grades will be based on:

- Final exam – 28%
- Best 4 out of 5 Exams – 55%
- Homework – 10%
- Quizzes – 7%

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

Special Services: Students with disabilities, whether physical, learning, or psychological, who believe that they may need accommodations in this class, are encouraged to contact Disabled Students Programs & Services (DSPS) as soon as possible to ensure that such accommodations are implemented in a timely fashion. Authorization, based on verification of disability, is required before any accommodation can be made. The phone number for Special Services is (818) 364-7732 or (818) 364-7620 and they are located in the Instructional Building room 1018. DSPS website: <http://www.lamission.edu/dsps>.

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. And this rule is retroactive. Withdrawal by February 20, 2018 (avoiding a “W”) will not count as an attempt.

ACCOMMODATIONS FOR DSPTS 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 DSPTS to request a **Disability Verification Form**.
- Step 2: Make an appointment to meet with a DSPTS Specialist to review your documentation and discuss reasonable accommodations. To schedule a meeting, please call DSPTS at (818)364-7732.
- Step 3: Bring your disability documentation to your DSPTS appointment. The DSPTS office is located in room 1018 of the Instructional Building.
- Step 4: Each semester, reach written accommodation agreement with the DSPTS 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 DSPTS office.

MANAGEMENT OF STRESS AND MENTAL HEALTH:

If you, or someone you know is in distress due the pressure of succeeding in school and contending with work, financial issues, relationships, managing time effectively, getting enough sleep, etc., please visit the Student Health Center (SHC), which offers a broad range of confidential student services including counseling and mental health services. The SHC is located in the Bungalow just west of the Collaborative Studies Building. The SHC webpage is www.lamission.edu/healthcenter and the phone number is 818-362-6182.

The National Suicide Prevention Lifeline number is 800-273-8255.

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/>
- **Counseling Department:** For appointments and information call (818) 364-7655 or visit <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/>
- **Extended Opportunity Programs and Services:** For appointments and information call (818) 364-7645 or visit <http://www.lamission.edu/eops/>
- **Financial Aid:** For information and applications call (818) 364-7648 or visit <http://www.lamission.edu/financialaid/>
- **Library:** For information on library hours, resources, workshops, and other services contact (818) 364-7105 or 364-7106 or <http://www.lamission.edu/library/>
- **Tutoring Services in Learning Center:** Laboratories for Learning, Writing, Math & Science. Walk-in and appointment services offered. Call (818) 364-7754 or visit <http://www.lamission.edu/learningcenter/>
- **Tutoring Lab & Math Center:** Free Math tutoring, computer and internet access. Call (818) 364-7811 or visit <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/>

Success and Study Tips:

1. **Attend class--** Choose to attend all class periods on time and don't leave early. If you are absent on a day that a quiz is given, you lose the points for that quiz. Also, knowledge in any math class is extremely cumulative. What you miss one day will continue to hurt you throughout the rest of the course.
2. **Pay attention--** Pay attention in class, participate in class discussions, and ask questions. The instructor regularly gives away tips for exams and quizzes, so make sure you take note of them.

3. **Do all homework--** Do or attempt all homework not for the sake of just doing it, but trying to understand the concepts, learning them in the process. “Practice makes perfect” applies not only to music and sports, but also in mathematics. Be sure to schedule sufficient time to complete your assigned tasks before the next class period.
4. **Get help--** Know how to get help if you need it. Consult instructor during posted office hours. These hours are for you to visit me and ask questions and express any concerns you have. Use the resources available to you for free (especially the Math Center which provides drop-in Math tutoring).
5. **Keep up with all work--** Getting behind will “snowball” on you very rapidly. Do your homework on a daily basis.
6. **Study math everyday--** Don’t leave all the work until the weekend. No one can “digest” so much math all at once, no matter how much time you spend trying. Math is best studied in bite-sized, digestible pieces. That means studying a few hours every day.
7. **Read the text--** Reading your math text should be done slowly and carefully... it doesn’t read like a novel or a magazine. It is important that you learn the language of math; you cannot succeed in any math course without learning to express yourself in that language. Only by reading your text carefully and regularly can you learn it. Also, make sure to check the additional resources available at the beginning or the end of the textbook.
8. **Get Organized--** Organize your class materials, including homework assignments, graded quizzes and tests, notes and any worked out review problems. These items will make valuable references when studying for upcoming tests and the final exam.
9. **Find other students to study with.** Group work can be very productive, and is very much encouraged. You’ll be given opportunity to work in a group so exchange email and phone numbers with a couple of students in the class.

Name: _____ Email: _____ Phone: _____

Name: _____ Email: _____ Phone: _____

10. **Strive for understanding not just remote memory.** Understanding greatly enhances your ability to comprehend later material. Memory is unreliable, and temporary. Understanding is intense, never lost...and exciting!

Spring 2018 Math 245 Tentative Schedule

Week	Week	Tuesday	Thursday
1	2/5 - 2/9	Introduction, R3	R4-R6
2	2/12 - 2/16	R7, 1.1	1.2, 1.3
3	2/19 - 2/23	1.4, 1.5	1.6, 1.7
4	2/26 - 3/2	1.8	Exam 1: Ch. R & 1
5	3/5 - 3/9	2.1, 2.2	2.3, 2.4
6	3/12 - 3/16	2.5, 2.6	2.7, 2.8
7	3/19 - 3/23	2.8 , Review	Exam 2: Ch 2
8	3/26 - 3/30	3.1	Holiday
9	4/2 - 4/6	Spring Break	
10	4/9 - 4/13	3.2 to 3.3	3.4 to 3.5, 4.1
11	4/16 - 4/20	Exam 3: Ch 3	4.2, 4.3
12	4/23 - 4/27	4.4, 4.5	5.1, 5.2
13	4/30 - 5/4	Exam 4: Ch 4	5.3,5.4
14	5/7 - 5/11	5.4,5.5	7.1,7.2
15	5/14 - 5/18	7.3, Review	Exam 5: Ch 5 & 7
16	5/21 - 5/25	Final Review	Final Review
FINAL EXAM: Thursday, May 31, from 10:00AM – 12:00 PM			