

### Instructor Information

Instructor: Tigran Mkrtchyan  
Course Website: MyMathLab.com  
Office Hours: MWTh 6:00 - 7:00 pm, T 5:20-7 pm  
or by appointment

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Phone: (818) 364-7669  
Office: CMS 247, (#249)

### Course Description:

This is the third course in the calculus series. It includes solid analytic geometry, partial differentiation, multiple-integration, vector analysis, and an introduction to differential equations.

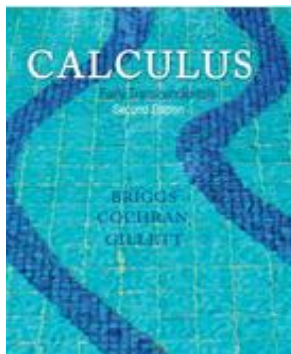
### Prerequisite

Math 266

### General Information

Welcome Class! Math 267 online class is a 16-week course that combines video lessons along with interactive online learning activities and optional face-to-face learning experience. **There are four required class meetings on campus for taking tests and a final exam.** Optional review meetings will be offered to help students better prepare for all tests. The course is accessed through MyMathLab, an online course management system. Learning aids including: tutorial videos, guided exercises, and a series of PowerPoint lecture summaries are accessible in MyMathLab. All students in Math 267 online course will need to purchase a MyMathLab access code to enroll in the online class site and to complete all required components to successfully pass the course. Please read all the information carefully in this syllabus. If you have any questions, please do not hesitate to contact the instructor via email or by phone.

### Textbook & Courseware



*CALCULUS Early Transcendentals*, by Briggs, Cochran & Gillett, 2nd edition, (ISBN: 0321965167), bundled with a MyMathLab access code.

This course is taught via MyMathLab, an online course management system.

All learning resources and assignments that correlate with the textbook are provided in MyMathLab. It is highly recommended that you purchase the bundle (book and access code) from the college bookstore.

However, you may choose to purchase MyMathLab access code only from [mymathlab.com](http://mymathlab.com) or at the bookstore since MyMathLab contains the full eText in the program. Students are highly encouraged to take advantage of the interactive figures in this award-winning textbook. Read the textbook and explore all it has to offer. The use of the eBook requires downloading the free <https://www.wolfram.com/cdf-player/>. For more information, please go to: <http://www.pearsonhighered.com/briggscochran2einfo/>

### Student Learning Outcomes

1. Analyze vectors and surfaces in three dimensions geometrically and algebraically.
2. Apply the concepts of differentiation and integration of functions to solve multivariable calculus problems.

### Spring 2018 Calendar:

Last day to ADD full term (16-week) classes in person:  
Last day to DROP without receiving a "W" (By Internet Only):  
Last day to DROP with a "W" (By Internet Only):

Monday, February 19  
Monday, February 19\*  
Sunday, May 6

**Final Exam:**

**Thursday, May 31, 4:00 - 6:00 pm**

### Course Organization:

Math 267 is composed of video lectures, discussions, assignments, quizzes, three in-class tests, and a comprehensive final exam. It is the students' responsibility to complete all course components by the required due dates. The course will follow the attached schedule as closely as possible. Students are expected to spend about 15 hours per week to study the online learning materials and to complete all assignments. Some students may need more time to do well in the course.

#### ONLINE Assignments and Quizzes through MyMathLab:

- Students enrolled in Math 267 are required to register with MyMathLab and purchase an access code. All materials needed for this course, including an electronic version of the textbook, will be available after you register in MyMathLab thru Canvas. If you wish to purchase a physical textbook from the bookstore, it comes bundled with the access code. Homework, quizzes, practice exams, and all other learning materials will be assigned online through this system. Directions for registering/purchasing the access code are provided in this syllabus.
- Students are expected to finish their online homework assignments by the due dates. 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.
- Students are allowed to take the online quizzes up to 5 times before the due date. The highest quiz score from all attempts will be recorded. **However, no extensions will be granted for online quizzes.** Two lowest quiz scores will be dropped.

#### Testing:

- There will be three tests throughout the semester. There will be **no make-up** test and any missed test will receive a grade of 0.
- A comprehensive final exam will be given on **Thursday, May 31st, 2018**. There are **no make-ups for the final exam**. If the final exam score is higher than the lowest score of the classroom exams, it will be used to replace the lowest exam score.
- All tests and final exam will be based on examples demonstrated in video lectures, assigned homework and quizzes. All work must be shown in a logical manner with easy to follow steps to support any written responses for credits.
- A stand alone scientific calculator is allowed on all tests. Students are not allowed to use notes during tests and final.
- Cell phones and all electronic devices must be turned off or on silent mode and kept out-of-sight during all tests and final exam.
- For all tests including the final, in-person review sessions will be offered to help students be better prepared. These review meetings are strictly **optional**, but students are strongly encouraged to attend.

#### Required Meetings:

<b>Test 1:</b>	<b>Thursday, March 1, 2018</b>	<b>4:00 - 6:00 pm</b>	<b>Location: CMS 020</b>
<b>Test 2:</b>	<b>Thursday, March 29, 2018</b>	<b>4:00 - 6:00 pm</b>	<b>Location: CMS 020</b>
<b>Test 3:</b>	<b>Thursday, May 03, 2018</b>	<b>4:00 - 6:00 pm</b>	<b>Location: CMS 020</b>
<b>Comprehensive Final:</b>	<b>Thursday, May 31, 2018</b>	<b>4:00 - 6:00 pm</b>	<b>Location: CMS 020</b>

\*\*\*All students must bring a photo ID for verification for all meetings.

#### Optional Review Meetings:

**The time and room will be announced, usually will be before the exam.**

## Grading

<u>Percentage Distribution</u>		<u>Assigned Grade</u>	
Online Discussion	3%	90 - 100%	A
Online Homework	12%	80 - 89%	B
Online Quizzes	10%	70 - 79%	C
On Campus Exams	48%	60 - 69%	D
On Campus Final	27%	Below 60%	F

For borderline cases, level of improvement on the final is considered.

## Attendance

If there is no online activity including no homework submissions in MyMathLab for two weeks, you will be dropped. It is still your responsibility to drop the class officially if you decide not to continue with the class. All students appearing on the grade roster at the end of the semester will receive a grade.

## Withdrawals:

If you stop attending the class (or wish to drop a class), you must drop the class yourself – officially – on or before May 6, 2018 (by internet only). Failure to do so may result in a grade of “F” in the class. A new state policy in effect as of 2012 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. Withdrawal by the deadline to avoid a “W” will not count as an attempt. For Spring 2017, the deadline to avoid a “W” is Monday, Feb 19, 2018.

## Tools:

A scientific calculator is required. Graphing calculators, cell phones, and other forms of hand held computers are not allowed during in-class tests and final.

## Cheating:

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

## Student Conduct

Students are expected to adhere to all school policies, and to abide by the standards of student conduct as described in the 2016-2017 Los Angeles Mission College Catalog on page 62 to 64. Any infringement upon the rights of other students in the class, such as talking or disruptive behavior will not be tolerated.

## Support & Resources:

- Free math tutoring is available in the STEM Center and Science Center located in CMS 121: Monday thru Thursday 11:00 am-7:00 pm or in the LRC Math LAB: Monday thru Thursday 9:00 am-6:00 pm and Friday 10:00 am -4:00 pm.
- For more information, call (818) 364-7811 or visit <http://lamission.edu/mathcenter/>. Please check the LRC MathLab hours through <http://www.lamission.edu/learningcenter/>.

## 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. The DSP&S Office is located in Building 1018, Room 1017 (page 25 of the 2016-2017 catalogue).

**Study the textbook:**

The textbook provides a reasonable level of mathematical rigor and many exercises are quite revealing. I strongly encourage you to read/study the text carefully. The video lectures are designed as a supplement to and not an alternative for the textbook. Students are expected to master all topics in the textbook unless otherwise indicated.

**RESOURCES Available to Students at LA Mission College:****• 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](http://www.lamission.edu/healthcenter) and the phone number is 818-362-6182. The National Suicide Prevention Lifeline number is 800-273-8255.

\* **Please note that the SHC is located between the President's Office and Business Office.**

- **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/>
- **LRC(Learning Resource Center):** Free Math tutoring, computer and internet access. Call (818) 364-7133 or visit <http://www.lamission.edu/mathcenter/>
- **Student Services Resources:** For a campus-wide directory of student resources, visit <http://lamission.edu/de/student-services/>

### Math 267 Online Tentative Schedule

Week	Date	Assignments for the week	In-campus Exams
1	Feb 05 – Feb 10	Obtain the textbook and/or the necessary access code for MyMathLab Registration Complete Week 1 Assignments in MyMathLab to Confirm attendance and Participation Chapter 3 Homework (Review) Chapter 7 Homework (Review) <b>Ch. 3 &amp; 7 (Review) Quiz</b>	
2	Feb 12 – Feb 17	Sections 11.1 - 11.4 <b>&amp; (11.1 - 11.4) Quiz</b>	
3	Feb 19 – Feb 24	Sections 11.7 - 11.9 <b>&amp; (11.5 - 11.6) Quiz</b> Ch. 11 Online Practice Test	
4	Feb 26 – Mar 03	Ch. 11 Review	<b>Test 1 (Ch. 11) Mar 01, 4:00-6:00 PM in CMS 020</b>
5	Mar 05 – Mar 10	Section 12.1 – 12.3 <b>(12.1 - 12.3) Quiz</b>	
6	Mar 12 – Mar 17	Section 12.4 - 12.6 <b>(12.4 - 12.6) Quiz</b>	
7	Mar 19 – Mar 24	Section 12.7 - 12.9 Ch. 12 Online Practice Test	
8	Mar 26 – Mar 31	Ch. 12 Review	<b>Test 2 (Ch. 12) Mar 29, 4:00-6:00 PM in CMS 020</b>
9	Apr 02 – Apr 07	<b>**** Spring Break – Campus Closed Mar 31 to Apr 06****</b>	
10	Apr 09– Apr 14	Section 13.1 - 13.6 <b>&amp; (Ch13.1 - 13.3) Quiz</b> <b>&amp; (Ch13.4 - 13.6) Quiz</b>	
11	Apr 16 – Apr 21	Section 13.7 - 14.6 <b>&amp; (Ch13.7 - 14.2) Quiz</b>	
12	Apr 23 – Apr 28	Ch. 13.1 – 14.4 Online Practice Test Ch. 13 & Ch. 14.1 to 14.4 Review	
13	Apr 30 – May 05	Ch. 13 & Ch. 14.1 to 14.4 Review	<b>Test 3 (Ch. 13 &amp; Ch. 14.1 to 14.4) May 03, 4:00-6:00 PM in CMS 020</b>
14	May 07 – May 12	Section 14.5 - 14.8 <b>(Ch14.5 - 14.8) Quiz</b>	
15	May 14 – May 19	<b>Final Review Part I ad Part II</b>	
16	May 21 – May 26	<b>Catch up &amp; Review for the Final Exam</b>	
17	May 28 – Jun 02	<b>Catch up &amp; Review for the Final Exam</b>	<b>Final Exam Thursday, May 31, 4:00-6:00 PM in CMS 020 (Compulsory)</b>