MATH 267 SYLLABUS
FALL 2013

LOS ANGELES MISSION COLLEGE

Section 0374 (MWF 8:40—10:15) in CMS 027

INSTRUCTOR: BAMDAD SAMII

➢**Office hours:**

MW 10:20 – 12:15	in **CMS124**
T 11:55 – 1:55	in **CMS 121**
TH 11:55 – 1:55	In **CMS 124**
or by appointment	in **CMS 124**

➢**Phone number:**

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Text:

Multi-variable Calculus
7th ed By Stewart

With **Webasign**

ISBN10: 0-538-49787-4

ISBN13: 978-0-538-49787-9

Prerequisites:

Math 266 or appropriate skill level demonstrated through the Math assessment process.

Course Description:

.Third course of calculus, includes solid analytic geometry, partial differentiation,multiple integration, vector analysis, infinite series, and an introduction to differential equations.

Teaching Philosophy:

I believe that that the most important aspect of learning mathematics is the development of critical reasoning. I find this belief to be driving force in my passion for teaching mathematics. Some of you may pursue mathematics beyond the minimum required courses, but the majority will choose not to go beyond that. The ability to think logically and reason abstractly will be a skill that you will use beyond your school years and in your everyday life whether you realize it or not. I always try to build my lectures and examples with the goal of developing the reasoning for using each skill and method. Learning mathematics begins with understanding the "why" rather than the "how". Every time a new topic is introduced I will try to make sure that you understand why we are going to adopt a certain method of doing the problems. A good example should not only demonstrate the skill needed for solving a problem, but also the reason that skill is the right skill or at least the preferred skill.

"I expect you all to be independent, innovative, critical thinkers who will do exactly as I say!"

I also believe that once you have the necessary foundation then most mathematics is learned by doing. A lecturer's role is to provide basic directions, clarify the reasons for taking certain steps and point out the pitfalls of each method. After that you should be provided the opportunity to practice those skills in class preferably in small groups so that you can learn from each other's mistakes and benefit from explaining your methods to others.

Grading:

Tests: **55**% of the grade

There will be 4 tests during the semester. **The tests will be cumulative and include problems similar to those from previous tests**. *Your lowest test score will be re placed with your score on the Final.*

The tentative dates for these tests are: 9/11, 10/11, 11/6, and 12/4

There will be no make-up tests given without prior authorization or an official medical notice.

Assignments: **10%** of the grade

These include Homework, Classwork and quizzes.

Students enrolled in this section of Math 265 are required to register with Webassign online program and enroll in my section **course ID: lamission 6591 5295** to complete the required online homework and quizzes. The access code for Webassign will be packaged with the new text book sold in the bookstore. Textbooks purchased online or at other bookstores may not include the access code for Webassign. In that case students may purchase the access code for separately online at http://www.webassign.com/.

I am not requiring you to buy the text book, but you are required to register for webassign.

"Learning is not something that happens to students, it is something that happens by students."

Final: **35%** of the grade

The final is on December 9, 7:30—9:30 AM and covers the entire semester.

Grades:

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

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, about the 3rd week of classes. It is now the same day as the last day to add, September 6 (in person),

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. This means for example that if a student got a "W" and a "D" in Math 125 two years ago, he has one more chance to pass before he is prevented from enrolling in Math 125.

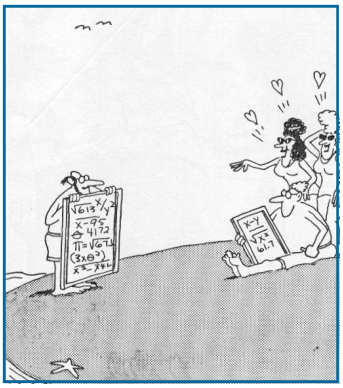
Attendance:

Attendance is not part of your grade but it is a crucial part of learning and a major factor in your success. *You may be excluded if you have an excessive number of unexcused absences or tardiness but it is your responsibility to drop the class if you do not want to continue. Please do not assume that I will necessarily exclude you.*

Calculators:

You will need a scientific calculator for some chapters. Cell phone, Ipods, tablets, and *some* graphing calculators are **not** allowed on exams. Please check with me to make sure that your calculator is permissible on the tests.

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.

Other resources:

Tutoring:

If you have questions and cannot make it to my office hours, or you just like to get more help, free tutoring is available at the Math center located in CMS 121.
Webassign online tutorial 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 webassign under E-book.

Counseling Office:

The Counseling Office is located in the student services annex and provides assistance with academic goals,Career planning, and personal concerns. All students are strongly urged to make an appointment with a counselor prior to registering for classes for the purpose of establishing a program of study.
(*www.lamission.edu/counseling*)

Disabled Students Programs & Services (DSPS):
The DSPS office is located in the instructional building room 1018. (*www.lamission.edu/dsps*)

If you are registered through the DSPS office and need special accommodations, please let me know as soon as possible so I can arrange for them.

Study Skills:

The learning resource center is an excellent source for study skill and academic help.
I also really like the following website for tips on how to be a successful learner in a math class.
http://mathcs.slu.edu/undergrad-math/success-in-mathematics

Classmates' Phone numbers:

STANDARDS OF STUDENT CONDUCT:

Dishonesty, such as cheating, knowingly furnishing false information to instructors and college personnel, turning in work that is not one's own (plagiarism) will be grounds for disciplinary action at LAMC according to the Standards of Student Conduct. The penalty may range from no credit for the assignment up to an "F" grade and disciplinary action.

Important dates:

Last day to add a class:	**9/6**
Last date to drop without a W:	**9/8**
Last date to drop with a W:	**11/17**

Anticipated Daily Schedule (The dates are subject to change):

Monday	Wednesday	Friday
8/26 **12.1 / 12.2**	8/28 **12.3 / 12.4**	8/30 **12.5**
9/2 **Labor Day**	9/4 **12.6**	9/6 **No Class**
9/9 **Review**	9/11 **Test 1**	9/13 **13.1 / 13.2**
9/16 **13.3**	9/18 **13.4**	9/20 **14.1**
9/23 **14.2**	9/25 **14.3**	9/27 **14.4**
9/30 **14.5**	10/2 **14.6**	10/4 **14.7**
10/7 **14.8**	10/9 **Review**	10/11 **Test 2**
10/14 **15.1**	10/16 **152**	1/18 **15.3**
10/21 **15.4**	10/23 **15.5**	10/25 **15.6**
10/28 **15.7**	10/30 **15.8**	11/1 **15.9**
11/4 **Review**	11/6 **Test 3**	11/8 **16.1/16.2**
11/11 **Veteran's day**	11/13 **16.3**	11/15 **16.4**
11/18 **16.5**	11/20 **16.6**	11/22 **16.7**
11/25 **16.8**	11/27 **16.9**	11/29 **Thanksgiving**
12/2 **Review**	12/4 **Test 4**	12/6 **Review**
Final December 9th 7:30 AM—9:30 AM		