Math 265 COURSE INFORMATION – Spring 2014
Calculus With Analytic Geometry I (5 units);   Section # 0556
10:40 AM - 1:10 PM MW in CMS 128

*"The only way to learn Mathematics is to do Mathematics"-- **Paul Halmos***

Instructor:	Carole Akl
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Phone:	(818) 364-7873
Website:	www.webassign.net **WebAssign Class Key: lamission 5544 0166**
Office Hours:	M TWTh 7:40-8:10 AM, T 3:15-5:00 PM, Th 1:15-3:00 PM (For Advising)
Office Location:	CMS 124, Office #139

Prerequisites: Math 260, or Math 240 and 245 with a grade of "C" of better, or appropriate skill level demonstrated through the Mathematics assessment process, or by permit.

Textbook: *CALCULUS Early Transcendentals*, by James Stewart, 7th Edition. We will be using Enhanced WebAssign to do homework online. If you purchase online the access code for WebAssign, you will have access to the eBook. However, since the textbook will be used for all your calculus courses, it is highly recommended that you purchase the custom bundle from the bookstore (ISBN 9781133295327). Textbooks purchased online or at other bookstores may not include the access code for WebAssign.

Description: This is the first Calculus course in a three-course sequence. Topics include: limits, continuity, derivatives, Mean Value Theorem, Fundamental Theorem of Calculus, definite integrals, area and volume of solids of revolution, exponential and logarithmic functions, and applications including work, curve sketching, and optimization.

Student Learning Outcomes:
By the end of the course, the successful student will be able to:
1. Determine and analyze limits and derivatives as appropriate to single variable calculus.
2. Evaluate and interpret integrals as appropriate to single variable calculus.

Withdrawals: If you stop attending the class (or wish to drop a class) on or before May 11th, you must drop the class yourself – officially – in person through the Admissions Office or through the internet. 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 2014 the deadline to avoid a "W" is **Sunday, February 23rd**.

Homework: Homework will be assigned online through WebAssign. The access code for WebAssign is packaged with the new textbook sold in the Mission College bookstore. Students should work on their homework as each section is completed in class. There are due dates posted online for each HW and it is the student's responsibility to submit the assignments by the due date. Since the system does not grade each step of students' work, it is important that students write down their solving steps clearly on a HW notebook in order to identify the mistakes made. Reading the sections covered in class is your responsibility and is considered part of the homework. A successful student should be reading sections before they are covered in class!

Quizzes: In class quizzes will be given throughout the semester. The goal is to keep you caught up with the material and aware of the type of questions to expect on the exams. These will be announced and usually include 3 to 5 questions.

Class Work/Projects: We will have individual and group work in class as part of the learning process. We will also have class projects to be worked on at home. More info about these will be given during the semester.

Exams: We will have five exams throughout the semester which are free response and which require you to show all your work and provide explanation. They are similar to homework problems and examples that we go over in class.

Final: The final is cumulative and in the same format as the exams. If you miss the final, you will not pass the class.

Grading: Final grades will be based on:
- 4 Exams (The lowest score of the 5 exams will be dropped) – 48%
- 1 comprehensive final exam – 26%
- In class Quizzes – 8%
- Online homework – 10 %
- Class Work/Projects – 8 %

Your grade in the course is determined according to the following scale:
A: 90-100%   B: 80-89%   C: 68-79%   D: 56-67%   F: 55% and below

For borderline cases attendance, participation, and level of improvement on the final are considered.

THERE WILL BE NO MAKE-UP QUIZZES OR EXAMS NO MATTER THE CIRCUMSTANCES!

Tutoring: If you have questions and/or cannot make it to office hours, or you just like to get more help, free tutoring is available at the STEM Center located in CMS 121. The hours of the Center are: M-Th 10am-8pm, Fri 10am-4pm and Sat 10am-2pm. The STEM Center will be offering workshops for our class. More on this to be announced.

Attendance: Regular and punctual attendance is expected from all of us. Unlike most 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.

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. Please turn off your phones before coming to class.

Cheating: Any form of academic dishonesty will not be tolerated. If caught, you may be given a zero for that particular assignment. 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.

Important Dates for Spring 2014:

Last day to add classes:	Friday, February 21
Last day to drop without a "W":	Sunday, February 23
Last day to petition for credit/no credit:	Friday, March 14
Last day to drop with a "W":	Sunday, May 11
Final Exam:	Wednesday, June 4th from 10:00 AM-12:00 PM

Resources:

- **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 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/

For any other questions/concerns that arise throughout the semester, please feel free to get in touch with me, and I will try to guide you to the appropriate place.

Success Tips:

1. **Attend class--** Choose to attend all class periods on time and don't leave early. If you are absent, it will be difficult to catch up on your own. Please seek help early on if you care about doing well in the class. 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 STEM 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.

8. **Get Organized--** Organize your class materials, including homework assignments, graded Quizzes/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. Get to know your neighbors in class and exchange contact info. Work together, and help each other out whenever possible.

    Name:_____ Email:_____ Phone:_____

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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!

Math 265 Tentative Schedule

Week	Date	Monday	Wednesday
1	Feb 10 / Feb 12	Intro + Chapter 1	2.1 to 2.2
2	Feb 17 / Feb 19	*President's Day (no class)*	2.3 to 2.4
3	Feb 24 / Feb 26	2.5 to 2.6	2.7 to 2.8
4	Mar 03 / Mar 05	**Ch2 Test**, 3.1	3.2 to 3.3
5	Mar 10 / Mar 12	3.4 to 3.5	3.6 to 3.7
6	Mar 17 / Mar 19	3.8 to 3.9	3.10 to 3.11
7	Mar 24 / Mar 26	**Review Ch3**	**Ch3 Test**, 4.1
8	Mar 31 / Apr 02	*Cesar Chavez (no class)*	4.2 to 4.3
9	Apr 07 / Apr 09	*Spring Break (no class)*	*Spring Break (no class)*
10	Apr 14 / Apr 16	4.4 to 4.5	4.7 to 4.8
11	Apr 21 / Apr 23	4.9, **Review Ch4**	**Ch4 Test**, 5.1
12	Apr 28 / Apr 30	5.2 to 5.3	5.4 to 5.5
13	May 05 / May 07	7.7, **Review Ch5**	**Ch5 Test**, 6.1
14	May 12 /May 14	6.2 to 6.3	6.3 to 6.4
15	May 19 / May 21	6.4 to 6.5	**Review Ch6**
16	May 26 / May 28	*Memorial Day (no class)*	**Ch6 Test**
17	Jun 02 / Jun 04	**Final Review**	**Final Exam (10:00-12:00 AM)**