

# Math 265 Section 0377

# Calculus with Analytic Geometry I

**5.0 units  
Fall 2013**

## Class Time and Location

MW 12:30 p.m. to 3:00 p.m.

Location: CMS 020

## Instructor Information

Wong, Kit (Debby)

Phone: (818)364-7887

Website: Etudes.org

Email: wongd@lamission.edu

Office Hours: MW 3:00 to 4:00 p.m.

T 12:15 to 1:00 p.m. & Th 12:15 to 2:00 p.m.

Advisory Hours: T 1:00 to 2:00 p.m.

## Textbook and Courseware

Calculus, Early Transcendentals, by James Stewart, 7E edition. The required courseware, Enhanced WebAssign, includes the e-book. Unless you are using your laptop along with your computer, it is uncomfortable and tiresome to switch screen constantly when you work on your assignments. **I strongly recommend you to purchase the custom bundle from the bookstore ISBN 9781133295327.** Textbooks purchased online or at other bookstores may not include the access code for WebAssign and you will be required to purchase the access code online.

WebAssign Class Key: lamission 5530 7324

## Prerequisite

Successful completion of Math 260 or Math 245 and Math 240 or a passing score of math placement test.

## 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.

## 3 Attempt Limit (New Regulation)

*A new state policy in effect as of Summer 2012 limits students to **3 attempts per course**. Receiving a grade or "W" for a course counts as an attempt, **regardless of when the course was taken**. Withdrawal by September 8, 2013 (avoiding a "W") will not count as an attempt.*

## Important Dates

|   |         |
|---|---------|
| Last day to add full term classes         | Sept. 6 |
| Last day to drop without a "W" (Internet) | Sept. 8 |
| Last to petition for credit/no credit     | Oct. 4  |
| Last day to drop with a "W" (Internet)    | Nov. 17 |

Final Exam Monday, Dec. 9, 12:30 to 2:30 p.m..

## Attendance

Attendance is mandatory for all class meetings. You could be dropped after 3 absences but it is your responsibility as a student to drop a class if you decide to quit attending class.

## Student Conduct

Students are expected to adhere to all school policies, and to abide by the standards of student conduct 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 cellular phone before coming to class.

## 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. All online scores will be automatically transferred to the instructor. 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.

## Cheating

Any students caught cheating, which means 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 the student service for disciplinary action.

## Testing

Questions on quizzes, tests, and final examination will be based on examples worked in class, in class work, and assigned homework. All quizzes, tests, and final exam are in a free response format. All exams are closed notes and books. You are allowed to use a scientific calculator on exams but cellular phones, Ipods, graphing calculators, Ipad, and computers are not allowed. There will be no make-up on in-class work, quizzes, tests, and final exam.

## Tutorial Service

Free tutoring is available at the STEM center, which is located in CMS 120.

The operation hours of the STEM Center are M to Th from 11:00 a.m. to 8:00 p.m.  
and Sat. from 10:00 a.m. to 2:00 p.m..

STEM Center Phone: (818) 364-7811 or visit [www.lamission.edu/mathcenter](http://www.lamission.edu/mathcenter).

Enhanced WebAssign online tutorial can be accessed through any computer with Internet access. WebAssign provides good video explanation clips geared to the textbook questions. Simply click the pencil symbol next to the question on the e-text to view the video clip.

Some Youtube videos per chapter can be found through the STEM website, [www.lamission.edu/STEM](http://www.lamission.edu/STEM) ----> Under Resources navigation button on the left ----> Click Calculus I Videos.

## Grading

Final grades will be based on:

|                    |     |   |
|--------------------|-----|---|
| Online Homework    | 10% |   |
| Written Quizzes    | 10% | (The two lowest quiz scores of the 8 quizzes will be dropped) |
| Written Tests      | 52% | (The lowest test score of the 5 tests will be dropped)        |
| In-Class           | 2%  |   |
| Written Final Exam | 26% |   |

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

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

## Course Organization

The course will follow the tentative schedule as closely as possible.

| Week | Date              | Monday  | Wednesday                                 |
|------|-------------------|---|---|
| 1    | Aug 26/ Aug 28    | Intro. Enhanced WebAssign<br>Ch1 (Review), skip Ch1.4 | Ch2.1 to 2.2                              |
| 2    | Sept 02/ Sept 04  | Labor Day   | Ch2.3 to 2.4                              |
| 3    | Sept 9 / Sept 11  | Ch2.5 to 2.6  | <b>Ch2.3 Quiz,</b><br>Ch2.7 to 2.8        |
| 4    | Sept 16 / Sept 18 | <b>Ch2.5 to 2.6 Quiz,</b><br>Ch3.1 to 3.2             | <b>CH2 TEST,</b><br>Ch3.3                 |
| 5    | Sept 23 / Sept 25 | <b>Ch3.1 to 3.2 Quiz,</b><br>Ch3.4 to 3.5             | Ch3.6 to 3.7                              |
| 6    | Sept 30 / Oct 02  | <b>Ch3.4 to 3.6 Quiz,</b><br>Ch3.8 to Ch3.9           | Ch3.10 to 3.11                            |
| 7    | Oct 07 / Oct 09   | Review, Ch4.1   | <b>CH3 TEST</b>                           |
| 8    | Oct 14 / Oct 16   | Ch4.2 to 4.3  | Ch4.4 to 4.5                              |
| 9    | Oct 21 / Oct 23   | <b>Ch4.3 Quiz,</b><br>Ch4.7 to 4.8                    | <b>Ch4.4 Quiz,</b><br>Ch4.9, Review       |
| 10   | Oct 28 / Oct 30   | Ch5.1 to 5.3  | <b>CH4 TEST</b>                           |
| 11   | Nov 04 / Nov 06   | Ch5.4 to Ch5.5  | <b>Ch5.3 to 5.4 Quiz,</b><br>Ch7.7, Ch6.1 |
| 12   | Nov 11 / Nov 13   | Veteran's Day   | Review, Ch6.2                             |
| 13   | Nov 18 / Nov 20   | <b>CH5 TEST</b>                                       | Ch6.3 to 6.4                              |
| 14   | Nov 25 / Nov 27   | <b>Ch6.1 to 6.3 Quiz,</b><br>Ch6.5                    | Final Review                              |
| 15   | Dec 02 / Dec 04   | <b>CH6 TEST</b>                                       | Final Review                              |
| 16   | Dec 09 / Dec 11   | <b>FINAL EXAM</b><br><b>12:30 TO 2:30 P.M.</b>        | No Class                                  |