Math 1A-27 (24173) MLC-108: Calculus I, Fall Quarter, 2017

Instructor	Office	Phone	e-mail	Office Hours
Richard Lopez	S44a	864-5661	lopezrichard@ deanza.edu	Mon - Thur 3:00 – 4:00

Prerequisite: Passing grade (C or better) in Math 43 and qualifying score on Calculus Readiness Test within the past calendar year.

Textbook: *Calculus-Early Transcendentas, 8th edition,* by James Stewart

Materials: TI-83, TI-84, or TI-86 graphing calculator, small stapler. Pencils.

Quizzes: Quizzes will be given (see calendar). **No make-ups**. **Do not ask**. We will have 6 quizzes altogether of which your lowest score is dropped.

Homework: Homework is assigned every meeting and is expected to be completed in it's entirety by the next class meeting. Additional homework problems (not in text) may be handed out from time to time and may be collected for points. Homework will be collected every Thursday (once per week).

Exams: Three exams will be given. **No make-ups**, **no exceptions**. You must make arrangements **ahead of time** if you are not going to be here. If for some reason you take an exam late, **15% of the points obtained will be deducted as a penalty. Only 1 make-up exam is allowed per quarter.**

Final Exam: The final exam has two parts. The first part is 100 points, no calculator, & work doesn't need to be shown. The second part is write-out (approx. 5 problems, 50 points, with calculator). **Finals must be taken at the scheduled time <u>not before or afterwards</u>** (see calendar).

Attendance: You are expected to be in class every day. If you have 3 recorded absences, your may be dropped you from the course. However, it is <u>your</u> responsibility to drop yourself if you wish to drop the course.

Grades:

3 exams	300 pts.	
5 quizzes	100 pts.	
1 Final exam	150 pts.	
10 homeworks	50 pts.	

Total: 600 Points

Your final grade is determined by the percentage of points you receive out of 600 according the following breakdown:

[97,100] : "A+"   [93,97) : "A"   [90,93) : "A-"   [87,90) : "B+"   [83,87) : "B"
[80,83) : "B-" [77,80) : "C+"   [70,77) : "C"   [60,70) : "D"   Below 60% : "F"

Misc.: All tests & quizzes are closed book, closed notes unless otherwise stated. Please read the Classroom Policies for additional class rules. Tutoring is available in the Math Center. You may always make an appointment with the instructor if you need help outside of office hours. The final exam is scheduled for **Tuesday, December 12th, 6:15-8:15.**

Monday	Tuesday	Wednesday	Thursday	Friday
25-Sep	26-Sep Sect 1.1 & Handout	27-Sep	28-Sep Sect 2.1 & 2.2	29-Sep
2-Oct	3-Oct **Q1** Sect 2.3	4-Oct	5-Oct Sect 2.5 & 2.6	6-Oct
9-Oct	10-Oct Sect 2.7 & 2.8	11-Oct	12-Oct **Q2** Sect 3.1	13-Oct
16-Oct	17-Oct **Test 1** Sect 3.2	18-Oct	19-Oct Sect 3.3 & 3.4	20-Oct
23-Oct	24-Oct **Q3** Sect 3.5	25-Oct	26-Oct Sect 3.6 & 3.11	27-Oct
30-Oct	31-Oct Sect 3.11 & 3.9	1-Nov	2-Nov **Q4** Sect 4.1	3-Nov
6-Nov	7-Nov Sect 4.2	8-Nov	9-Nov **Test 2** Sect. 4.3	10-Nov
13-Nov	14-Nov Sect 4.4 & 4.5	15-Nov	16-Nov **Q5** Sect 4.7	17-Nov
20-Nov	21-Nov Sect. 4.8 & 3.10	22-Nov	23-Nov **Holiday**	24-Nov
27-Nov	28-Nov **Q6** Sect. 4.9	29-Nov	30-Nov **Test 3**	1-Dec
4-Dec	5-Dec Sect 10.1	6-Dec	7-Dec Sect 10.2	8-Dec
11-Dec	12-Dec **Final Exam**	13-Dec	14-Dec	15-Dec

- **It is your responsibility** to know the following policies for this class. These policies are part of the syllabus and will be strictly enforced. By enrolling in this course, you as the student agree to accept these policies and to follow them **and** agree that **the instructor reserves the right to drop a student from the course with a W if any of the policies are violated.** Further action may also be taken against a student who violates specific policies, such as the policy on cheating.

1. Any type of disruption committed during lecture is not allowed and disruptions will not be tolerated. Disruptions include but are not limited to: Talking during lecture; leaving the classroom during lecture; entering the classroom late in a way that disrupts the class. Disruptions such as these interfere with other students' ability to listen and learn. If you cause any disruptions during class, you will receive a warning both verbally and via email. If you cause a second disruption, you will receive a second and final warning. If you cause 3 disruptions during the quarter, you will be dropped form the course. Please be mindful of this rule. It is contained in writing in this syllabus and fully enforceable.

2. Tests and quizzes are usually given at the end of class and must be completed by the time class time expires. You will receive a two minute warning before your time is fully up. When class time has expired, you must <u>put down your pencil or pen and **stop writing immediately**</u>. If you do not stop writing immediately, your test or quiz may <u>not</u> be collected and you may receive a grade of 0.

3. On test days, you may be assigned a seat by the instructor different from the one you are used to sitting in. If you talk or communicate with another student, you will be moved to another desk immediately.

4. <u>Cell phone usage of any kind is not allowed during tests and quizzes</u>. If your phone rings during a test, <u>5 points will be deducted from your score</u>, **so make sure your phone is turned off.**

5. Restroom visits and other reasons for leaving the classroom during test and quizzes are not allowed. Arrangements for special cases, such as medical reasons, must be discussed with the instructor <u>before</u> a test or quiz starts.

6. Once a test and quiz has been handed out, **any kind** of cell phone or other electronic device usage is not allowed. Students are required to **turn off all electronic devices before** any tests, quizzes, or the final exam is given and to not have their cell phone or electronic device in their lap. The instructor will walk around the room and closely observe students to make sure this rule is being followed. Please do not let this bother you. If the instructor observes a student placing his or her hands beneath his or her desk for an extended period of time, the instructor may ask that student to stand up or move to another desk. **If a student is observed with a cell phone turned on in his or her hands, lap, or other easily accessible place after the student has received his or her test, that student will be considered cheating and will receive a 0 on that test, quiz, or final exam.**

7. Communication of any kind during a test or quiz between students or others is not allowed and is <u>considered cheating</u>. This includes any verbal, written or other

communication, as well as **any** type of cell phone usage (including texting) or other electronic device usage, such as a pad or computer. If a student uses any kind of text or notes (written or other) or electronic device during a test when permission is not strictly granted ahead of time, the student <u>will be considered cheating</u>. All tests and quizzes are to be the work of individual students only, unless stated otherwise (we will occasionally have "group" quizzes and other group work) <u>Sharing, comparing or aiding in the formulation of test or quiz answers of any kind is considered cheating.</u> If you have a question during a test or quiz, you are <u>only</u> allowed to talk to the instructor. If you are observed cheating on a midterm or quiz, you will receive a grade of 0 on that assignment and be reported to De Anza Administration.

8. <u>If a student is caught cheating, the instructor reserves the right to assign a grade of F for the entire course or to drop the student with a W from the course</u>. If a student is returned a graded test or quiz and the student changes his or her incorrect answers in order to receive more points, the student is considered cheating and such an act will carry the same consequences as those mentioned above. If you are caught cheating on the final exam, you will automatically receive a grade of F for the course.

9. **Withdrawals** (W's) can <u>no longer be given</u> by instructors past the withdrawal deadline. **Please be aware of this date**. If you wish to take a W for the class, you must do so on or before the withdrawal date.

10. The purpose of office hours is for students to have time outside of class to be able to talk to the instructor for various reasons. Office hours are **not** intended as a tutorial session for students or a place for students to complete their homework.

    Reasons for office hours:

    a. The student needs to talk to the instructor about his or her grade, absences, assignments due, test taken, or anything related to his or her standing in the class.
    b. The student needs further explanation, clarification or review of material discussed in class, in the text, or in his or her notes.
    c. The student has a **specific question** about a homework problem **after** the student has attempted the problem themselves.
    d. The student wishes to discuss study skills, note taking skills, or anything that might enhance the performance of the student in the class.

    Reasons not intended for office hours:

    a. To ask the instructor to "do" a homework problem for them or to "do" a problem similar to the homework that wasn't assigned.
    b. To consider the instructor to be an individual "tutor" to a student while he/she completes their homework.

- The class schedule given above is tentative and subject to change.

Student Learning Outcome Statements (SLO)

• **Student Learning Outcome**: Analyze and synthesize the concepts of limits, continuity, and differentiation from a graphical, numerical, analytical and verbal approach, using correct notation and mathematical precision.

• **Student Learning Outcome**: Evaluate the behavior of graphs in the context of limits, continuity and differentiability.

• **Student Learning Outcome**: Recognize, diagnose, and decide on the appropriate method for solving applied real world problems in optimization, related rates and numerical approximation.