

## Math 1A-27 (01223) S-46: Calculus I, Winter Quarter, 2018

Instructor	Office	Phone	e-mail	Office Hours
Richard Lopez	S44a	864-5661	lopezrichard@deanza.edu	M/W 3:00 – 4:00 T/TH 12:30 – 1:30

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

**Textbook:** *Calculus-Early Transcendentals, 8<sup>th</sup> 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 its 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.

**Exams:** Three exams will be given. **No make-ups, no exceptions.** You must make arrangements **ahead of time** if you are going to miss a test.

**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 not before or afterwards** (see calendar).

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

<b>Grades:</b>	3 exams	300 pts.
	5 quizzes	100 pts.
	1 Final exam	150 pts.

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**Total: 550 Points**

Your final grade is determined by the percentage of points you receive out of 550 according to 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 **Thursday, March 29<sup>th</sup>, 4:00 to 6:00**

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

- **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 from 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 **put down your pencil or pen and stop writing immediately.** If you do not stop writing immediately, your test or quiz may **not** 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. **Cell phone usage of any kind is not allowed during tests and quizzes.** If your phone rings during a test, **5 points will be deducted from your score,** **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 **before** 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 **considered cheating.** 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 will be considered cheating. 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) Sharing, comparing or aiding in the formulation of test or quiz answers of any kind is considered cheating. If you have a question during a test or quiz, you are only 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. 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 0 for the entire final exam.
9. **Withdrawals** (W's) can no longer be given 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.



**Student Learning Outcome(s):**

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

\*Evaluate the behavior of graphs in the context of limits, continuity and differentiability.

\*Recognize, diagnose, and decide on the appropriate method for solving applied real world problems in optimization, related rates and numerical approximation.