

Class meets in room E33 ; Monday, Wednesday ; 4:00 - 6:15 p.m. ; September 24 through December 14

Instructor: Curtis Kifer

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Textbook: The text is titled *Calculus Early Transcendentals*, 8th edition, by James Stewart

A hard copy of the textbook is required; it can be rented cheaply. (Best deal is to buy the book with WebAssign access at the school bookstore.)

Calculator: A scientific calculator will be required on some quizzes and exams -- **only the TI series such as TI-30Xa or TI-30X2S are allowed.** No Casio calculator allowed on exams or quizzes. A graphing calculator such as Texas Instruments TI-84 is recommended for some homework – or one can easily google a free graphing utility such as Desmos -- however, there will be **no graphing calculator use on quizzes and Exams.**

Course structure:

- This course is the first calculus course in De Anza's calculus sequence. We'll cover chapters 2.1 -- 2.3, 2.5 -- 2.8, 3.1 -- 3.6, 3.9, 3.10, 4.1 -- 4.5, 4.7 -- 4.9, 10.1, 10.2.
- There will be homework due every week. We will have a quiz or an exam every week. Also, there will be three midterm exams -- dates to be announced -- and a final exam.
- Each homework assignment is due on WebAssign on or before the due date (which will be posted on the WebAssign site). **Homework not submitted by the due date and time is late and receives no credit.**

Scoring will be as follows:

- Homework: 25% (due on WebAssign only)
- Quizzes: 25%
- Midterm Exams : 25% (3 midterm exams)
- Final Exam: 25% (Participation in the final exam is required -- so don't get a ticket out of town before the final exam date and then request to take the final exam early because I won't let anyone take the final early.)
- Participation: **Each class session in which you are not present in class to participate in the class discussion is 1 point off your final grade -- this includes coming back after break. Each tardy entry into a class discussion already in progress is .5 point off your final grade.**

There will be **no make-up exams**, and **no mid term exam score will be dropped.**

There will be **no make-up quizzes**, and **one quiz score will be dropped.**

There will be **no make-up homework**, and **one homework score will be dropped.**

There will be **no extra credit or make-up work offered.**

Your formal grade will be computed by the following scale:

A+ = 97-100% ; A = 93-96% ; A- = 90-92% ; B+ = 87-89% ; B = 83-86% ; B- = 80-82% ; C+ = 77-79% ; C = 73-76%
D+ = 67-72% ; D = 63-66 ; D- = 60-62 ; F = 0-59% **Note: any grade below 73% is a "D" or an "F" grade**

The final exam will be held in class Wednesday, December 12, 4:00 to 6:00 p.m.

(You MUST attend the final exam; I will not be allowing ANYONE to take the final exam early or late.)

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Drop; Withdrawal; Incomplete grade: It is the student's responsibility to be registered in the class before the deadline for adding classes. As well, **should the student need to drop or withdraw from the class, it is the student's responsibility to do so before the final date for withdrawing. In general, there is never an incomplete grade assigned.**

- Saturday, October 6 is the LAST DAY TO ADD quarter-length classes using an add code (which you must get from the instructor -- so don't wait until Saturday October 6 to realize you need to get an add code from me since I often do not check my email on weekends.)
- Sunday, October 7 is the LAST DAY TO DROP without a 'W' grade.
- Friday, November 16 is the LAST DAY TO DROP with a 'W' grade.

Course Rules:

- No notes of any kind allowed on any exams or quizzes.
- Only one single sheet of scratch paper at a time is allowed on your desk during exams and quizzes.
- Phones are to be kept on your desk during exams and quizzes.
- Backpacks are to be zipped up with all notebooks and books inside during exams and quizzes.
- Phones are to be silent during class.
- There is no phone use during class.
- In general, there is no computer use during class.
- In general, there is no bathroom use during quizzes or exams.
- Please pardon the harsh tone, but I take cheating very seriously: **If I see you cheating in any way, or using a smart phone during an exam or quiz, then I will give you a zero for that exam as well as report you to the Dean.**

Academic Honesty:

Students learn and abide by the standards of honesty expected in an academic community. In general, academic honesty requires that students: (1) submit work that is clearly and unmistakably their own; (2) properly represent information and give adequate acknowledgment to all sources that were used in the preparation of an assignment; (3) neither seek, accept, nor provide any assistance on tests, quizzes, and/or assignments unless explicitly permitted to do so by the instructor.

- The Americans with Disabilities Act (ADA) is a civil rights statute that prohibits discrimination against people with disabilities.
- De Anza College is committed to providing a safe positive learning environment where students can pursue their educational goals.
- De Anza College is committed to maintaining an environment free of sexual harassment or discrimination based on race, religious creed, color, national origin, ancestry, disability, medical condition, marital status, political beliefs, organizational affiliation, sexual orientation, gender or age.

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.