

MATH 1C Advanced Calculus

Room G1

4:00 to 6:15 PM Tuesdays and Thursdays
Fall 2019

De Anza College

Instructor: Timothy K. Smith

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Office Hours: Tues and Thurs. 3:15 to 3:45 PM and 6:30 to 7:00 PM – Tutorial Center, S43

Textbook: Calculus with early transcendentals 8th edition, by Stewart

Pre-requisite: A passing grade (C or better) in Math 1B

TESTS: There will be **three exams** and a **final exam** (which will cover all the material of the course). There will be a **quiz each class period**, on the homework material from the previous class session. I **do not give** quizzes or exams earlier or later than the time that I give them to the rest of the class. There is no make up for missed quizzes and exams. (Read the policy below on make up exams). **Students with the disability center must also take the exams the same day as the rest of the class.**

Homework is not graded (or collected) but a very good practice after the lecture in preparation for quizzes and exams and increasingly complex material of the course.

GRADING:

Exams 1,2,3 60 % (20% each)

Quizzes: 10 %

Final Exam: 30 %

Your grade will be determined by your course percentage as follows:

- 90 –100 A** (100 is an A+ and 90 is an A-)
- 80- 89 B** (89 is a B+ and 80 is a B-)
- 67 - 79 C** (79 is a C+ ; no C minus grades are allowed
at De Anza)
- 50 – 66 D** (A score of 50 to 52 is a D- and 66 is a D+)
- 0 – 49 F**

The Department policy mandates that the grading scale should be followed once it is stated on this syllabus. Therefore, I cannot “bump up” grades. For example, a 79 is a C+. I cannot change the grade to a B-. Also, I cannot give a student a lower grade than what they earn.

Attendance Policy: Make sure to read and **strictly follow the drop deadlines** in the De Anza College schedule. I will drop any student who does not attend the first day of class, unless that student notifies me by email before the class starts. After the first day of class, I will not drop students. . Always check your enrollment status to know which classes you are enrolled in. **To drop any class, you must take care of the paperwork on your own at the Admissions Office, as required by De Anza College.**

CLASSROOM POLICIES:

1. **Observe silence and respect during lectures** with no whispering or other distracting non-verbal communication. This kind of behavior is rude and distracting to me and to the other students. We all need a **quiet environment** in **order to concentrate effectively and learn the subject matter of the course.** **The exception of course is asking me questions.** If there is talking during class, I will pause the lecture and look at the person or the area where talking is coming from to **indicate to them to stop so the lecture can continue.** **If talking continues, you will be asked to talk outside the classroom. I may also ask the students who talk to sit in another location. Eating is also not allowed during class to avoid distractions to other students and to me. Drinking water is OK.**

2. If you must leave the class early for an urgent and important reason, please let me **know before class starts, sit near the door and please leave quietly.** Also, **after you finish your quiz or exam, please leave quietly.** **Talking to other students during an exam or quiz is not allowed. Failure to follow this rule will mean 0 zero in your exam or quiz, of both or involved students.**

3. The Math department estimates that you should spend **between one and two hours studying outside class for each hour in class.** So that means you should expect to put in between 5 to 10 hours per week doing homework for this course. **You can go to the TUTORIAL CENTER if you need more help with any of the material, or you can form a study group with other students.**

Bring the homework you have attempted to do so I can help you where you have difficulty.

4. **I strongly advise every student to have a textbook** as this will help you in studying and on your own time. **Please bring your textbook to class regularly** since I will refer to problems in the books quite often. Renting a textbook is cheaper than a pair of jeans and shirt but it will have lasting benefit so think about it.

5. You must use a **pen (black or blue ink only)** on all quizzes and exams. I will not grade work done in pencil.

6. **Cheating is not allowed or tolerated during exams or quizzes.** **Cheating includes: looking at another student's paper or talking to another student, altering an exam or quiz after it has been returned to you, and using a book or unauthorized notes during an exam or quiz or sharing notes with other students.** I will give a warning during exams or quizzes, if I notice any attempt at cheating. **If the student continues to cheat, I will give a zero on that exam or quiz.** I may also ask a student to move to another seat if I see any suspicious behavior. I will also separate students who are sitting too close together. **You must also put all notes and books, backpacks by the class under your seat ,except for the allowed notecard.** If you change any work on your exam or quiz after I return it to you (to try to get a better grade) then I will give you a zero for that exam or quiz. **You should know that I double check my grading.**

7. You must turn in exams and quizzes **on time at the end of the class period.** **If you arrive late to take an exam, I cannot let you have any extra time.** **You must turn in the exam at the same time as the rest of the class.**

. Ask any questions before the exam; if extremely necessary, you may ask a quick question. This means that if you ask me a question I can only give a brief answer. If you have more extensive questions, please ask me after class. To be fair to other students, I cannot give you hints on how to do a problem.

8. Students on the waiting list will be added in the numerical order given by the Administration. However, if you are absent when I call your name to add, then I will add the next person on the list. So come to every class meeting if you are serious about adding.

9. On the exams, **you are not allowed to use your own calculator. But the problems will be designed so a calculator is not necessary; I will have some basic calculators that you can use in case you really need it and they will be at the front of the classroom.**

10. During an exam, you may use **one and only one 3 by 5 inch card with notes on both sides. You must have your own note card.** If you have a larger card you will need to copy onto a card of the correct size. **Sharing another student's note card is not allowed and is considered cheating. No books, mobile phones, computers or other devices are allowed on exams and quizzes. Take care of your restroom needs before exams or quizzes.**

11. **Makeup policies:**

A. **If you miss an exam, then your final exam score will replace the missed exam. I do not give a makeup exam if you miss one exam. No exceptions to this policy. Please be aware of this policy when scheduling trips or flights or other appointments.**

B. **If you miss another exam, then I will give you a makeup exam if you have a serious excuse. You must notify me as soon as possible. Be prepared to show documentation. The makeup exam must be taken before the Thursday after the exam was given to the class for exams 1 and 2. Exam 3 will be on a Tuesday, and the makeup must be no later than the following Tuesday.**

I do not give makeup quizzes, but I will drop your three lowest quiz scores.

C. **If you take all three exams, then the final exam will replace your lowest exam (if the final is better than your lowest exam)**

D. **I do not give exams or quizzes earlier or later than the time when I give them to the class.**

This policy also applies to students who are registered with the disability center (you must take the exam on the same day that I give it to the class)

So please consider carefully when making appointments outside of school.

12. You are not allowed to retake an exam or quiz that you have already taken. This policy includes the final exam. So, work hard preparing for each exam. Use the library too to study.

Also, I cannot change an exam score or re-grade an exam after it is returned to you. I do not negotiate partial credit. I am the only one who can decide on partial credit for a problem. I do not usually give much partial credit on exams and I give no partial credit on quizzes.

However, if you follow the methods that I have shown in class (like checking your answers), then you will not need partial credit because you will get the problem correct.)

13. I cannot change a student's course grade after the grades are determined. De Anza forbids this. This implies that I cannot give a student any extra work to do to improve their grade after the course is over. I must give grades based on a student's in-class performance on exams and quizzes. I cannot consider any other factors, like personal need or how much work a student put in. Instructors cannot give a student a lower grade than earned (like a failing grade). I am not allowed to do this by De Anza's policies.

14. I will give an extra credit problem on each exam. That will be the only extra credit for the course, aside from the final exam (which is worth an extra 20% of your grade, since, as mentioned above, it will replace your lowest exam).

HAVE A GOOD SCHOOLYEAR TO ALL ! REMEMBER THAT YOU ARE NOW SHAPING YOUR FUTURE !!!

Important dates to remember: The college is very strict about these dates. They will not make exceptions.

Saturday, October 5 : Last day to add a class. This date is strictly enforced.

Sunday, October 6 : Last day to drop a class for a full refund or credit. This is also the last date to drop a class with no record of your grade.

Friday, October 18 : Last day to request pass/ no pass grade. **The college is strict about this date. I cannot give you a pass/no pass grade unless you get the paperwork submitted on time. I cannot change your status to “pass/no pass”; only you can do that.**

Friday, November 15 : Last day to drop a class with a W.

COURSE SCHEDULE : Math 1C Section 27 Fall 2019

TUESDAY

9/24 (11.1, 11.2)

10/1 (11.4)

10/8 (11.7, 11.8)

10/15 (11.11 and review)

10/ 22 (10.1, 10.2)

10/29 (10.5, 10.6)

11/5 (review)

11/12 (12.4, 12.5)

11/19 (13.4)

11/26 (Exam 3)

THURSDAY

9/26 (11.3)

10/3 (11.5, 11.6)

10/10 (11.9, 11.10)

10/17 Exam 1

10/24 (10.3, 10.4)

10/ 31 (12.1 ,12.2, 12.3)

11/7 (Exam 2)

11/14 (13.1 to 13.3)

11/21 (other topics, review)

11/28 Thanksgiving (No Classes)

12/3 (Review)

12/ 5 (**Review**)

12/10 (no class

12/12 Thursday Final Exam 4:00 to 6:00 PM

Student Learning Outcome(s):

*Graphically, analytically, numerically and verbally analyze infinite sequences and series from the perspective of convergence, using correct notation and mathematical precision.

*Apply infinite sequences and series in approximating functions.

*Synthesize and apply vectors, polar coordinate system and parametric representations in solving problems in analytic geometry, including motion in space.