

MATH 1710.310, spring 2024,

Version 4, last revised: February 7, 2024

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Office Hours:

- **Tuesday: 2-3 pm, 5:00-6:10 pm (no appointment necessary)**
- **Thursday: 2-3 pm, 5:00-6:15 pm (no appointment necessary)**
- **Or by appointment.**

Course Goals:

- One of the major goals of this course is for you, the student, to begin the process of developing the ability to produce carefully organized **solutions** to calculus problems.
- You will develop skills that apply not only to your study of Calculus, but to everything you will every find the need to study and eventually master. I am absolutely serious.
- There is a fundamental and substantial difference between a correct answer and a complete solution to a problem.
- Answers with incorrect work are not acceptable.
- Answers with no work are, in almost all cases, not acceptable.
- Another major goal is for you to develop the ability to pay attention to detail and to follow instructions precisely.
- I will constantly demonstrate for you what constitutes a complete and correct solution. The book, in general, will not; WebAssign exercises will not; The MathLab instructors, in general, will not.
- You will need to be able to do more than recite what you have memorized.

Required Text and Software:

- **Required Text:** *Calculus, 9th Edition* By James Stewart.
- **If you have purchased the Cengage access to the the e-book, you will probably need to enroll yourself in our Webassign Class.**
- To do so, you will need two things:

(a) Our class key:

Instructor: Douglas Brozovic

Section: MATH 1710, section 310

Class Key: unt 9465 9311

(b) Your Cengage (they are the WebAssign parent company) Code—which you should have when you buy access to the e-book.

- You will need the Canvas app on your portable devices
- Be sure you have enabled notifications on all of your devices. I will communicate the majority of announcements to you through Canvas.
- You will need ZOOM on your computer **and on your phone**.
- You may also need a suitable scanning app for uploading certain assignments.

Responsibilities of Instructor:

- You should expect me to be in class on time and well prepared. If I anticipate a day on which I may be late, I will make every effort to notify you beforehand.
- You can expect me to be honest about any mistakes that I make, and to correct them as soon as I am made aware of them.
- You can expect fair and equal access to the material in this class. In particular, I will not allow the irresponsibility or inappropriate behavior of some to ruin our classroom dynamic.
- You can expect that your tests and quizzes will be graded and returned in a reasonable amount of time.

Responsibilities of Student:

- You are expected to read this syllabus carefully.
- I will hold you accountable for the information herein.
- Students will be expected to carefully read the appropriate chapters in the text, including the worked examples. This will be an essential part of your attempt to master the material.
- Students will be responsible for obtaining any and all course materials. Most handouts will be available on our Canvas class page.
- That said, I will often make special announcements during class time that will not be posted on Canvas. If you miss class, you will need to talk to one of your classmates to make sure you “get the memo”.

- I will hold you to the student code of conduct as described in *UNT Student Handbook*. You should read it for yourself.

Important Warnings:

- The two-day per week format for Calculus is **not for everyone**. It has a number of drawbacks.
- Perhaps the most significant is the fact that it is **exceptionally easy** to fall behind.
- The study habits you establish the first few weeks of class are crucial. **It is essential that you begin to establish proper work habits from day one.**
- In my more than 40 years of experience as a university instructor and professor, I have found that those students who fall behind during the first 3 or 4 weeks of the course, almost without exception, end up failing the course.
- Frequent practice is crucial to the successful completion of a mathematics course. Cramming at the last minute will certainly lead to failure.
- If you are in academic trouble, or are in danger of losing your financial support, if you are hoping to graduate at the end of this semester, or if your parent or guardian will disown you if you don't earn a certain grade in this course, **then you had better start working today.**
- I will not listen to any pleas at the end of the semester.
- You will receive precisely the grade that you **earn**.

Grading Format:

Final Exam (Tuesday, May 7).....	200pts (plus one 10pt bonus question)
Exam 1 (Thursday, Feb. 15)	100pts (plus one 10pt bonus question)
Exam 2 (Thursday, March 21)	100pts (plus one 10pt bonus question)
Exam 3 (Thursday, April 18)	100pts (plus one 10pt bonus question)
In Class Quizzes	40pts
On-line Quizzes	30pts
SPOT Online Evaluation Assignment	20pts (extra credit)

Computation of your grade:

- I will total up your all of your scores and **divide the total by 550**.
- I will then assign your grade based on the following scale:

90% and above ———- **A**
80% and below 90% — **B**
70% and below 80% — **C**
60% and below 70% — **D**
below 60% ————— **F**

- 550 is 80 points less than the 630 points that are available to you. In particular, there is a **substantial amount of extra credit built into the grading system**.
- There will also be a number of homework and quiz scores that I will drop (see below).
- Beyond this, there will be **NO EXTRA CREDIT**. So don't ask.
- Moreover, I **WILL NOT** round up grades—so don't waste my time by asking.
- **The grade of A signifies consistent excellence over the course of the semester.** An A on the final is not equivalent to an A for the course.
- I reserve the right to test you on problems which are generalizations of material covered in the class and/or in the book. The problems may not look exactly like the ones in the book. Indeed, in many cases, the problems I will ask will appear **only in class** and on quizzes, and in our review and practice sessions. **So you will need to pay attention, and take clear and well organized notes.**
- Everything that I say in class is fair game for exam and quiz material. Everything on every handout is fair game for exam material. You will be responsible for everything unless I advise you to the contrary.

Policies relating to your written work:

- **All exams, all in-class quizzes, and the final exam must be written in pencil or erasable ink (I like the Pilot Frixion pens).**
- **Students will need an good quality eraser that works well with their pencil or erasable pen.**
- I will be extremely unsympathetic in regards to poorly organized work on quizzes and exams.
- I will be equally displeased with sloppy and/or otherwise unreadable work.

- Get used to working **carefully and neatly**, and learning to organize your work **precisely according to my expectations**.
- I will be demonstrating this in EVERY class meeting.
- You must show all appropriate work as per my instructions (which I will always model and reinforce).
- The expectation is for you to produce **both complete and correct solutions with all appropriate detail included in the correct place**.
- There is a fundamental difference between an answer and a solution. It is the latter that you must learn.
- Correct answers with incorrect or incomplete work will receive little or no credit.
- That said, you can rest in the fact that my goal is not to test you with outlandish problems.
- I will review carefully for each test as well as for the final.
- If you attend all class meetings and take good notes, you will have an extremely good idea of what to expect.

Policies relating to the administration of all in-class examinations and quizzes:

- All electronic devices must be off.
- Cell phones, tablets, and the like are not to be handled nor looked at all during class time.
- Calculators will not be permitted.
- No notes of any kind in any form are permitted.
- Students may not leave the room during exams, quizzes or the final.
- Students should be extremely careful to keep their eyes on their own work. Cheating is a serious offense, and will be treated as such.
- Students will not begin a test or final exam until they are instructed to do so.
- I will (or a proctor of my choosing) will keep the exact time during the quiz, exam, or final exam. The proctor will keep students abreast of the time remaining.
- When the proctor announces that time is expired, all students must stop writing immediately. I shall call for the exams exactly one time. Any student still writing after that point will receive a ten (10) point deduction on their exam and/or quiz.

Policies relating to the Examinations and Final:

- I expect to give each exam on the date in parentheses (see the section above on **Grading Format**). However, **this is a tentative syllabus**. I will announce the exact date and time of each exam in class.
- The final exam is scheduled for **Tuesday, May 7th, from 6:30 to 8:30 in our usual classroom (ENV 115)**.

UNT has not announced the Final Examination date as of February 7, 2024. I will update you as soon as possible.

- **I will not administer an early final—each student is required to take the final exam at the scheduled time.**
- I will **not** drop the lowest exam score—all will count towards the final grade.
- **NO MAKE-UP EXAMS WILL BE GIVEN.**
- **For those students who miss one exam due to an Authorized Absence (see the Student Handbook), the final grade will be computed based only on those exams taken, together with quiz/homework scores and the final exam.**
- Students who miss a scheduled exam for family emergency, personal health problems, or similar legitimate reasons will be required to provide *official written* verification of said absence.
- Students who miss a scheduled exam are expected to contact me within 24 hours.
- Students missing an exam for unauthorized reasons will receive 0 (zero) points on the exam.
- The final exam will be comprehensive in the sense that problems may come from any of the sections that will be covered during the semester.

Policies relating to In-Class Quizzes and Online Quizzes:

(A) **In-class Quizzes**

- There will be 40 points that will be based on your **in-class quiz** scores.
- I expect to administer the in-class quizzes on Thursdays from 8:30 pm to 8:50 pm.
- There will be **NO MAKE UP QUIZZES**. If you miss a quiz for any reason, you will receive a zero for that particular quiz.
- I will drop the 2 (two) lowest in-class quiz scores (a missed or late quiz counts as a zero)

- **For the purposes of a student's final grade, your in-class quiz point total will be computed as follows:** First, the lowest 2 in-class quiz scores are dropped. Then the total points from the remaining in-class quiz scores will be divided by the total number of points available from those quizzes (that were not dropped) to obtain a student's *quiz percentage*. The quiz percentage is then multiplied by 40 to obtain your in-class quiz point total contribution to your final point total.

(B) **Online Quizzes**

- There will be 30 points that will be based on **On-Line quiz** scores.
- Online quizzes will be administered through Canvas.
- There will be **NO MAKE UP QUIZZES**.
- If you fail to successfully complete an online quiz **FOR ANY REASON**, you will receive **NO CREDIT**.
- I will drop the 2 (two) lowest online quiz scores (a missed online quiz counts as a zero)
- **For the purposes of a student's final grade, your online quiz point total will be computed as follows:** First, the lowest 2 quiz scores are dropped. Then the total points from the remaining online quiz scores will be divided by the total number of points available from those quizzes (that were not dropped) to obtain a student's *quiz percentage*. The quiz percentage is then multiplied by 30 to obtain your quiz point total contribution to your final point total.

SPOT Evaluation Assignment:

- The *Student Perception of Teaching* (AKA SPOT) evaluation process is a **requirement for all organized classes at UNT**. This short survey will be made available the last few weeks of the semester.
- I will remind you as the time approaches.
- I will create a Canvas assignment for this, and will explain everything when the time approaches.
- If you complete **the CANVAS Assignment by the deadline**, you will receive 20 additional points as indicated in the section on Grading Format above.
- Make sure you follow the directions precisely. This is not just about completing the evaluation. That is a necessary but **NOT SUFFICIENT** condition for successful completion of this assignment.

Homework and Practice Problems:

- I will not collect homework problems, written or electronic.
- I will post a list of “**practice problems**” for you.
- You need to work on these before each scheduled “practice problems” session.
- This practice is essential for your success in the class.

Attendance Policy:

- Attendance will not figure explicitly into a student’s final grade.
- It is my experience that a student who misses class on a regular basis almost always fails the course. Each meeting is equal to 2.5 days under the normal three-day per week format. The effect of absences is therefore amplified.
- During class I will clearly indicate what I consider to be a complete solution, and my expectations regarding various types of solutions, notation and so forth. You will not learn these things in the Math Lab.
- I will also indicate the various pitfalls and standard mistakes to avoid.
- Spring Break is schedule for

CLASSROOM DYNAMICS:

The following is taken directly from the list of “**Ten Student Academic Rights and Responsibilities**”, appearing on the official University of North Texas web page

<https://studentaffairs.unt.edu/dean-of-students/conduct/10-academic-rights>

Students may not disrupt class or any other university process by any means whatsoever (including sideline conversations, comments, arguments, noise of any kind or other activity which would hinder access to or utilization of academic information.) I suffer this sort of foolishness poorly.

The following is a list of activities that I expect students to avoid. Most of you are, no doubt, responsible individuals to whom these issues are totally obvious. My desire is not to treat you like children. It is, however, important to communicate the basic expectations so as to remove any ambiguity and excuse. Each of you should know that I will demand mature and courteous behavior and will not tolerate behavior that is disrespectful, rude, or otherwise disruptive, in any way, to the dissemination and/or exchange of information.

I reserve the right to deduct points in the event that you do not comply with these expectations, in addition to other disciplinary consequences associated to the UNT student code of conduct.

- **CELL PHONES AND OTHER ELECTRONIC DEVICES.** Turn the ringer off **before you enter the classroom**), and do not get them out during class.
- **NEVER** answer your phone in class. That is totally unacceptable and will result in a point deduction.
- **TARDINESS**, that is, coming to class after lecture has begun. Students are expected to come to class **on time**. That said, life happens. If you have to arrive late, create as little disruption to class as possible.
- If you know that on occasion you will be late, then let me know.
- **LEAVING CLASS EARLY.** Students are expected to remain for the entire class period. I pledge to make every effort to end class on time. If you anticipate having to leave early for some reason, then I expect you to speak to me **beforehand**.

Special Notes:

(A) ACADEMIC INTEGRITY STANDARDS AND CONSEQUENCES:

According to UNT Policy 06.003, Student Academic Integrity, academic dishonesty occurs when students engage in behaviors including, but not limited to cheating, fabrication, facilitating academic dishonesty, forgery, plagiarism, and sabotage. A finding of academic dishonesty may result in a range of academic penalties or sanctions ranging from admonition to expulsion from the University. Consequences may include receiving a zero on a given assignment, exam, or project.

(B) EMERGENCY NOTIFICATION & PROCEDURES

UNT uses a system called Eagle Alert to quickly notify students with critical information in the event of an emergency (i.e., severe weather, campus closing, and health and public safety emergencies like chemical spills, fires, or violence). In the event of a university closure, please refer to the UNT Learning Management System (LMS) for contingency plans for covering course materials.

(C) AMERICANS WITH DISABILITIES ACT ACCOMMODATION STATEMENT

UNT makes reasonable academic accommodation for students with disabilities. Students seeking accommodation must first register with the Office of Disability Accommodation (ODA) to verify their eligibility. If a disability is verified, the ODA will provide a student with an accommodation letter to be delivered to faculty to begin a private discussion regarding one's specific course needs. Students may request accommodations at any time, however, ODA notices of accommodation should be provided as early as possible in the semester to avoid any delay in implementation. Note that students must obtain a new letter of accommodation for every semester and must meet with each faculty member prior to implementation in each class. For additional information see the ODA website at disability.unt.edu.