

MATH 2730 Sec. 002 MWF 11:00am - 11:50am Room: BLB 070
Multivariable Calculus - Spring 2021

Instructor: Steven Widmer

Office: GAB 423B, Email: steven.widmer@unt.edu

Office Hours: Monday, Wednesday from 1:30pm - 3:30pm; Tuesday from 10am - 12pm; and by appointment.

All office hour meetings will be held through Zoom, using the meeting ID: 229 534 1011. Office hours are for help with specific problems or for answering questions about the course, they are **NOT** for teaching the course material. I will have availability to meet at other times. Please send an email if you would like to schedule a time to meet outside of office hours.

Final Exam: Monday, April 26, 10:30am - 12:30pm

<https://registrar.unt.edu/exams/final-exam-schedule/spring>

Textbook and WebAssign: The textbook is Stewart, James, *Calculus*, 8th Edition, Cengage Learning (2016). It is available online through WebAssign platform.

A Webassign access code is also required. WebAssign is online course delivery platform, you can access WebAssign through the link in Canvas on the Home page of the course. WebAssign access includes all online homework assignments, the e-text of Calculus 8th Edition, by James Stewart, and additional learning resources. Use the link in Canvas to register immediately. You must register in WebAssign by the 2nd class day of the semester

You may use the no-cost temporary 14-day access, however you must purchase your access before the temporary access expires. If you do not purchase WebAssign by the end of the trial period, you may lose credit for all work previously completed. The WebAssign course ID for this class is: **unt 9836 8994**.

Course Description: (3 hours) Vectors and analytic geometry in 3-space; partial and directional derivatives; extrema; double and triple integrals and applications; cylindrical and spherical coordinates.

Prerequisites: Math 1720

Grade Policy:

Exam Average	40%
Online Homework (WebAssign)	15%
Written Homework	5%
Quiz Average	15%
Final Exam	25%

WebAssign Online Homework: Your WebAssign homework is found on the WebAssign website (link provided on Canvas). **NO LATE HOMEWORK** will be accepted, regardless of reason. The

online assignments will always be due at 11:59pm on the due date, not midnight. If the due times conflict with your other classes, work ahead. At the end of the term, your two (2) lowest WebAssign homework scores will be dropped.

Written Assignments: You will have several written assignments. These assignments require you to show, in your own handwriting, the mathematical process for the problems.

Submission Requirements:

- Must be completed in your own legible writing;
- Written Assignments should be project-level quality: well organized, written neatly, and mathematically correct;
- No credit for correct answers without correct work;
- Scanned as one PDF with a page scanned for each page of the project;
- Correct order, right side up;
- Submission must be one (1) PDF in Canvas.

A zero will be assigned to any submission that does not meet ALL of the submission requirements. No late homework will be accepted for any reason whatsoever. At the end of the term, your two (2) lowest written homework scores will be dropped.

Quizzes: We will have a quiz about every other week. Quiz dates and content will be announced in advance in class and through Canvas. There will be no make-up quizzes. For not allowing make up quizzes, the lowest two (2) quiz scores will be dropped.

Exams: You will have four exams and a comprehensive final exam. Actual exams dates and content will be announced in class, usually at least two weeks before the exam date. The tentative exam dates are Feb. 1, Mar. 1, Mar. 22, Apr. 16. Your lowest exam score will be replaced with your final exam score (if it's higher).

Make-up Policy: No make-up exams will be given for any reason. An exam may be taken prior to the scheduled date. You must request for this accommodation via email at least one week prior to day you wish to take the early exam. If you miss an exam you will receive a 0 for that exam and your final exam score will replace the 0.

Face Coverings: Face coverings are required in all UNT facilities. Students are expected to wear face coverings during this class. If you are unable to wear a face covering due to a disability, please contact the Office of Disability Access to request an accommodation. UNT face covering requirements are subject to change due to community health guidelines. Any changes will be communicated via the instructor.

Academic Dishonesty: Cooperation is encouraged in doing the homework assignments but not allowed on the quizzes/tests/exams. If you are caught cheating, you will be subject to any penalty the instructor deems appropriate, up to and including an automatic F for the course. Furthermore,

a letter will be sent to the appropriate dean. Refer to the following university site for the official policy with regards to academic dishonesty. The website is: <https://facultysuccess.unt.edu/academic-integrity>.

Extra Help: Do not hesitate to come to my office during office hours or by appointment to discuss a homework problem or any aspect of the course. You also may want to consider the UNT MathLab (SAGE 130). Information is available at: <https://learningcenter.unt.edu/math-lab>. Check the tutoring schedule link for times when help for this class is available.

Additional help can be found through the UNT Learning Center: <http://learningcenter.unt.edu/>, select the tutoring button located near the top of the page for different tutoring options.

Disability Accommodations: The University of North Texas makes reasonable academic accommodation for students with disabilities. Students seeking accommodation must first register with the Office of Disability Access (ODA) to verify their eligibility. If a disability is verified, the ODA will provide you with an accommodation letter to be delivered to faculty to begin a private discussion regarding your specific needs in a course. You 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 Office of Disability Access website at <http://www.unt.edu/oda>. You may also contact them by phone at 940-565-4323.

Math is not a spectator sport. You will not learn mathematics from watching your instructor or friends or a screen display ideas and solve problems. You must try the problems, finish problems, ask questions, make mistakes, correct mistakes, put concepts into your own words, and practice, practice, practice.

Note: This syllabus is subject to change as the instructor deems necessary. Any/all changes will be announced during regular class time. It is the responsibility of the student to attend each scheduled class to be informed of these changes.

Course Calendar - 2730 - Spring 2021

This is a tentative calendar and may be changed at any time

Monday	Wednesday	Friday
1/11 Section 12.1	1/13 Section 12.1, 12.2	1/15 Section 12.2, 12.3
1/18 University Closed	1/20 Section 12.4	1/22 Section 12.5
1/25 Section 12.5, 12.6	1/27 Section 12.6	1/29 Review for Exam 1
2/1 Exam 1	2/3 Section 13.1	2/5 Section 13.2
2/8 Section 13.4	2/10 Section 13.3	2/12 Section 13.3
2/15 Section 14.1	2/17 Section 14.1, 14.2	2/19 Section 14.2
2/22 Section 14.3	2/24 Section 14.3	2/26 Review for exam 2
3/1 Exam 2	3/3 Section 14.4	3/5 Section 14.5
3/8 Section 14.5, 14.6	3/10 Section 14.6, 14.7	3/12 Section 14.7
3/15 Section 14.8	3/17 Section 14.8	3/19 Review for exam 3
3/22 Exam 3	3/24 Section 15.1	3/26 Section 15.1, 15.2
3/29 Section 15.2	3/31 Section 15.3	4/2 Section 15.3, 15.6
4/5 Section 15.7	4/7 Section 15.7, 15.8	4/9 Section 15.8
4/12 Section 15.8	4/14 Review for exam 4	4/16 Exam 4
4/19 Section 16.1, 16.2	4/21 Review for final exam	4/23 Reading day, no class
4/26 :----- Final Exams -----:	4/28	4/30