

**University of North Texas**  
**MATH 2730.007 – Multivariable Calculus**  
**MWF 9-9:50AM – BLB 040**

*Instructor:* Mr. Dillon Hanson  
*Office Hours:* MW 2:30-3:30pm, or email me to schedule an appointment outside these hours  
*Office:* GAB 476  
*Website:* <http://www.math.unt.edu/~dhanson/2730Spring2020.html>  
*Email:* dillon.hanson@unt.edu

**Course Description:** This course covers vectors and analytic geometry in 3D-space, partial and directional derivatives, extreme values, double and triple integrals and applications, cylindrical and spherical coordinates, vector fields and line integrals.

**Prerequisites:** MATH 1720.

**Online Materials:** The textbook (Calculus, James Stewart, Eighth Edition) and homework assignments will be through WebAssign, **which must be accessed through Canvas**. There will be no class key; when you log in through Canvas and open an assignment, you will be directed to the correct course. Temporary access is available. **Temporary access expires on the 14<sup>th</sup> day of the course regardless of when you acquired it.** Students who do not purchase WebAssign by the end of the temporary access period may lose credit for all work previously completed with the possibility of no refund. You may already have access if you recently took Calculus 1 or 2 here at UNT.

**Calculator Policy:** Scientific and graphing calculators are permitted in this class. However, a calculator such as a TI-89, TI-Nnspire, and other calculators that can perform algebraic operations are not allowed. If you are unsure if your calculator is permitted, ask me before the day of the first exam.

**Grading Policy:** Your course grade will be computed as follows.

- Written Homework 10%
- WebAssign Homework 10%
- Quizzes 10%
- Midterms 40% (best 3 out of 4)
- Comprehensive Final Exam 30%

**Homework:** There will be weekly written homework in addition to the homework assigned through WebAssign. Both are due at 8:59am on Mondays, with a few exceptions. To make the most of the WebAssign homework, it is recommended that you have a dedicated notebook or binder. Your lowest written homework grades will be dropped to cover cases of illness, family emergency, transportation problems, oversleeping, completing the wrong problems, etc.

**Quizzes:** Lectures will begin with a short quiz, covering the material from the previous lecture. There are exceptions, such as lectures following an exam. Your lowest three quiz grades will be dropped.

**Exams:** There will be four midterms, one of which will be dropped, and a comprehensive final exam.

- Exam 1 – February 5
- Exam 2 – February 26
- Exam 3 – April 1
- Exam 4 – April 22
- Final Exam – Wednesday, May 6, 8-10am (in BLB 040 as usual)

**Additional Resources:** In addition to lecture, recitation, and office hours, the following resources are available to help you succeed in this class.

- The [Math Tutor Lab](#) (SAGE 130) is staffed by undergraduate mathematics majors and graduate students who are available to answer specific homework questions.
- The UNT [Learning Center](#) provides [Supplemental Instruction](#) sessions at regularly scheduled times each week, as well as [free tutoring](#) upon request.

**Academic Dishonesty:** Students caught cheating or plagiarizing will be subject to any penalty the instructor deems appropriate, ranging from receiving 0 (zero) points on that particular assignment to course failure. Additionally, the incident will be reported the Dean of Students, who may impose further penalty.

- According to the UNT catalog, the term “cheating” includes, but is not limited to:
  - a) use of any unauthorized assistance in taking quizzes, tests, or examinations;
  - b) dependence upon the aid of sources beyond those authorized by the instructor in writing papers, preparing reports, solving problems, or carrying out other assignments;
  - c) the acquisition, without permission, of tests or other academic material belonging to a faculty or staff member of the university;
  - d) dual submission of a paper or project, or resubmission of a paper or project to a different class without express permission from the instructor(s); or
  - e) any other act designed to give a student an unfair advantage.
- The term “plagiarism” includes, but is not limited to:
  - a) the knowing or negligent use by paraphrase or direct quotation of the published or unpublished work of another person without full and clear acknowledgment; and
  - b) the knowing or negligent unacknowledged use of materials prepared by another person or agency engaged in the selling of term papers or other academic materials.

**Acceptable Student Behavior:** Student behavior that interferes with an instructor’s ability to conduct a class or other students’ opportunity to learn is unacceptable and disruptive and will not be tolerated in any instructional forum at UNT. Students engaging in unacceptable behavior will be directed to leave the classroom and the instructor may refer the student to Dean of Students to consider whether the student’s conduct violated the Code of Student Conduct., which can be found at [deanofstudents.unt.edu/conduct](http://deanofstudents.unt.edu/conduct).

**Access to Information – Eagle Connect:** Your access point for business and academic services at UNT occurs at [my.unt.edu](http://my.unt.edu). All official communication from the university will be delivered to your Eagle Connect account. For more information, please visit the website that explains Eagle Connect and how to forward your e-mail: [eagleconnect.unt.edu](http://eagleconnect.unt.edu).

**Students with Disabilities:** The University of North Texas 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 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 Accommodation website at [disability.unt.edu](http://disability.unt.edu). You may also contact them by phone at (940) 565-4323.