

MATH 2730.004: Multivariable Calculus

Spring 2020

Prerequisites: A grade of C or higher in MATH 1720.

Textbook: *Stewart's Calculus (8th Ed.)* (WebAssign key: unt 3445 8919)

Course Contents: Vectors and analytic geometry in 3D-space; partial and directional derivatives; extrema; double and triple integrals and applications; cylindrical and spherical coordinates. We will cover all or parts of Chapters 12 – 16 of the textbook.

Grading Policy: Your course grade will be determined by your performance on the homework, the midterm examinations, and the final examination, subject to the following guidelines:

Homework:	15%
Midterm #1:	25% (5th (6th) week)
Midterm #2:	25% (10th (11th) week)
Final Exam:	35% (Tuesday, May 5, 1:30-3:30pm)

Attendance: It is often the case that students with good attendance receive better grades. There will be NO makeup exams and NO late homework unless there is an emergency.

Disability: It is the responsibility of students with certified disabilities to provide the instructor with appropriate documentation from the Dean of Students Office.

Academic Dishonesty: All students shall adhere to the Code of Student Conduct regarding academic honesty. Cheating includes but is not limited to using others or forbidden information sources during an exam. Anyone caught cheating will receive an F for the course. Furthermore, a letter will be sent to the appropriate dean.

Course Evaluation: The Student Evaluation of Teaching Effectiveness (SETE) is a requirement for all organized classes at UNT. This short survey will be made available to you at the end of the semester, providing you a chance to comment on how this class is taught. I am very interested in the feedback I get from students, as I work to continually improve my teaching.

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Class Web Page: <http://www.math.unt.edu/~jliu>

Office Hours: TWTh 1:30-3:20pm (or by appointment)