Math 2204 – Intro Multivariable Calculus

Instructor: Jennifer Wise
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Course Website: [http://www.math.vt.edu/courses/math2204/](http://www.math.vt.edu/courses/math2204/)
Textbook: *Calculus - Early Transcendentals, 8th Ed,* by J. Stewart (see course webpage for more information)

Office hours (in 410 McBryde Hall): Tuesday 10-11:30am, Wednesday 4-5pm, and Thursday 10:30-noon or by appointment, as necessary

WebAssign: You will not access WebAssign using a class code. If you do not already have a webassign account from a previous semester at VT, login to webassign for the first time using the following information:
Username: your PID
Institution: vt
Password: Click "Forgot your password?"

Course content: Math 2204 is an introduction to vector geometry, and differentiation and integration in multiple dimensions. The syllabus (found on the course webpage) contains a detailed listing of the covered material.

From the Course Catalog: Calculus for functions for several variables. Planes and surfaces, continuity, differentiation, chain rule, extreme values, Lagrange multipliers, double and triple integrals and applications, software-based techniques. Partially duplicates MATH 2016, 2024 and 2224. Pre: 1226. (3H,3C)

Grading Criteria: Read this carefully! Your final grade in this course is based on the following work:

- Three Midterms 20% each (60% total)
- Final Exam 20%
- Homework and Quizzes 20%

Letter grade scale: A score of 90% will guarantee at least an A−, an 80% at least a B−, a 70% at least a C−, and a 60% at least a D−.

All graded work should be kept until the course is over. Scores and grades are posted on Canvas. Any appeals for points, partial credit, incorrect score, missing scores on Canvas, etc., should be brought to my attention within a week from the time the assignment is returned. Even if you are unable to pick up your assignment during the class in which it was returned, it is your responsibility as a student to pick up assignments from me in a timely manner to address any grading questions you have.

Homework: There will be both written homework and homework on WebAssign. Both will be assigned most weeks. Each weeks suggested problems are listed with the syllabus; any of these are fair game for the exams. WebAssign problems will be posted on WebAssign.
Written homework that should be handed in each week will be posted on Canvas. Written homework will be checked for completeness (legitimate attempts must be made for each assigned problem; simply rewriting the problem and putting a question mark or inapplicable work beside it does not count as a legitimate attempt) and then some random problem(s) will be graded for correctness.

Late homework will not be accepted except in cases of excused absence. The lowest WebAssign grade and the lowest written homework grade will be dropped.

**Midterms:** There will be 3 midterm exams. The midterm exams will be during our regularly scheduled class meeting days, times, and locations. Midterm exams are tentatively scheduled for February 16, March 23, and April 25, but these dates are subject to change. You must take exams on the specified date. In general, makeup exams will not be given. If a student misses an exam for reasons that are serious, unavoidable, and beyond the students control, the situation will be handled on an individual basis provided appropriate documentation is provided. All tests are closed book (no calculators, computers, phones or other handheld devices, formula sheets, notes, etc.). Each midterm will cover approximately one unit listed on the 2204 Syllabus.

**Final Exam:** There will be a comprehensive final exam scheduled for Tuesday, May 9, 7:00pm - 9:00pm. The final exam is a required class meeting that will not be rescheduled for discretionary reasons, including conflicts with work schedules, conflicts with classes and exams at other colleges, and travel plans.

**Attendance Policy:** Attendance will be taken. Students are responsible for all announcements made in class. Students are also responsible for information delivered via Canvas or email. An unexcused absence from a quiz or exam results in a zero for that assignment; excused absences require documentation. If a student fails to hand in an assignment on time, his/her score is zero unless the reasons for the failure are serious, unavoidable, and beyond the students control. The instructor reserves the right to verify that the reasons are serious, unavoidable, and beyond the students control. It is to the students advantage to inform the instructor of such reasons before missing the work. When work is missed for such reasons, the instructor, after consultation with the student, will decide how to handle the missed work.

**Honor Statement for Math 2204:** All assignments, tests, and quizzes submitted will be considered graded work and must be completed on an individual basis. No consultation is permitted on tests and in-class quizzes. Homework (written and WebAssign) may be discussed with other students as well as with the instructor. However, in writing up an assignment to be handed in or in submitting solutions on WebAssign, each student works alone (without other students or other students’ papers) and certifies that what is written and/or submitted accurately represents the student’s own understanding of the material expressed in the student’s own words. In working, or in preparing to work, homework problems and WebAssign problems, students may not consult partial or complete solutions of the problems that have been prepared by anyone else. The prohibited solutions include, but are not limited to, solutions by current or former teachers or students at VT or elsewhere, whether these solutions are posted on the web or available from other sources. The honor
The Undergraduate Honor Code pledge that each member of the university community agrees to abide by states:

“As a Hokie, I will conduct myself with honor and integrity at all times. I will not lie, cheat, or steal, nor will I accept the actions of those who do.”

Students enrolled in this course are responsible for abiding by the Honor Code. A student who has doubts about how the Honor Code applies to any assignment is responsible for obtaining specific guidance from the course instructor before submitting the assignment for evaluation. Ignorance of the rules does not exclude any member of the University community from the requirements and expectations of the Honor Code.

For additional information about the Honor Code, please visit: [https://www.honorsystem.vt.edu/](https://www.honorsystem.vt.edu/)

**Accommodations:** I really do want to make it possible for you to succeed. You are encouraged to bring to my attention any reasonable need or accommodation (including disability accommodations and religious holidays) that will help you.

**Classroom Courtesy:** You and your classmates are here to learn, and that happens best in an atmosphere of mutual respect with freedom from distractions and disturbances. All of us should abide by the Virginia Tech Principles of Community.

**From the Math Dept:** If you are not on the class roll that comes out after the last add date, immediately check your schedule and start attending the proper section. For no foreseeable reason will you be allowed to stay in the wrong section or to drop a section for which you are actually enrolled after the last drop date. By simply attending a section you will not be placed on its roll.