

Math 264 (Honors College) – Section 6, Spring 2020
Meeting Times: TuTh 11:00am–12:15pm, Hume 321

Instructor: Dr. Rizwanur Khan
Office Hours: TuTh 8:45am – 10:15am

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Materials

1. Textbook: Briggs, Cochran, & Gillett, *Calculus Early Transcendentals (2nd edition)*
2. Homework will be assigned online using *MyMathLab*. See accompanying handout for registration instructions. If you are having trouble getting the software to work on your computer, either use MyMathLab's "Help & Support" feature or contact the Pearson representative Crystal Edwards crystal.edwards@pearson.com.

Course Content and Goals

This course is the fourth semester of a four-semester calculus sequence at the University of Mississippi. The course will cover material in chapters 12, 13, and 14 of the text. In particular, Functions of Several Variables, Partial Derivatives, Lagrange Multipliers, Multiple Integrals, Stokes' Theorem.

The objective is to enable students to understand concepts, develop problem solving skills, apply concepts and theories learned in class to solve problems, prepare for higher level courses, and enhance both critical thinking and analytical reasoning abilities.

Tests and Homework

1. There will be three major tests during the semester. Each test will count for 50 points. The test questions will be similar in format to the examples in class and the homework problems. **Tentative dates for the three in-class tests: February 25, March 26, April 21**
2. Online homework will be weighted evenly, for a total of 50 points.
It is your responsibility to check the MyMathLab website regularly to see what homework is assigned and when it is due. Generally new homework will be available by the end of the day after each class. Start on the homework early; do not wait until the last minute!
3. The final examination is comprehensive and will count for 100 points. It takes place at 12:00pm (noon) on May 5.

Grading

The cumulative total for the course is 300 points – Tests: 3×50 , Homework: 50, Final Exam: 100.

Grade	Percentage Necessary
A	93%
A-	90%
B+	87%
B	83%
B-	80%
C+	77%
C	70%
D	60%
F	below 60%

Example: If you get an overall score of 92%, you are guaranteed an A- at least. It is also possible that this will become an A if I curve the grades a bit at the end of the semester.

Important Notes

1. Course withdrawal deadline is Monday March 2.
2. Any student who will miss one of the tests because of an official University function must reschedule with me BEFORE the test is scheduled to be given. NO OTHER rescheduling will be allowed.
3. If a test is missed for ANY reason apart from an official university absence, a grade of 0 will be given. There will be absolutely NO make up tests given for ANY reason.
4. The lowest test grade will be replaced by the final exam percentage, if it is higher. Please note that the homework grade cannot be replaced.
5. Late homework: You can work on any homework assignment after the deadline and before last day of classes (May 1), but a 50% penalty will be applied.
6. Tutoring is available (starting Jan 27) in the Library Commons. Hours: Monday–Thursday 10am-7pm, Friday 10am-2pm.
7. Attendance is mandatory and will be taken through a sign up sheet. Students are allowed three (3) absences. 5 points are deducted from the final course total for each absence above the limit. It is the student's responsibility to make sure his/her attendance record is correct. If you attend class but forget to sign in, just email me within 24 hours. **NOTE:** students who do not attend class within the first two weeks of the semester may be dropped from the roll.
8. Blackboard will be used. You can find review sheets, test solutions, and your test scores on Blackboard.
9. From the Honors College: *Honors courses are small classes, usually taught in seminar style with no more than fifteen students. They are reading, writing and discussion intensive. Student participation is therefore essential. In addition, the university commits extensive resources, especially in terms of faculty time, to these small classes. For these reasons, the Honors College has an attendance policy for all honors courses, both required and departmental.*
10. Calculator policy: Your brain is a sufficient calculator in Math 264. Calculators, cell phones, and other electronics are prohibited on tests and the final exam. Use of such electronic equipment while taking a test or final exam will be considered academic dishonesty and appropriate action will be taken.
11. Switch off or silence phones in class! No texting!
12. It is the responsibility of any student with a disability who requests a reasonable accommodation to contact the Office of Student Disability Services (<https://sds.olemiss.edu/>) or the instructor. Contact will then be made by that office through the student to the instructor of this class. The instructor will then be happy to work with the student so that a reasonable accommodation of any disability can be made.
13. From the Honors College: *Academic integrity is essential to all the values upon which the university is founded. Honors students must therefore embody academic honesty in all aspects of their work. A student with a documented case of plagiarism or academic cheating in an honors course will face the possibility of receiving the grade of F for the course and being dismissed from the Honors College. Specific consequences of such behavior will be determined by the administration and individual faculty member.*
14. Thomas Edison: "Genius is one percent inspiration, ninety-nine percent perspiration"