

Instructor: Dr. Kayla Harville**E-Mail:** kdharvil@olemiss.edu**Office:** 305 C Hume Hall**Office Hours:** Mon/Wed 3:30-4:30 & Tues 1:00-2:00 or by appointment.**Class Time and Place:** 1:00-1:50 MWF in Hume 201.

COURSE CONTENTS AND GOALS: The fourth course in a four-term calculus sequence for engineering and science majors. Topics include limits, continuity, and partial differentiation of functions of several real variables, directional derivatives and gradient, tangent planes and linear approximation, maximum and minimum problems, Lagrange multipliers, double and triple integrals in cartesian, polar, and spherical coordinates, vector fields, line integrals, Green's theorem, surface integrals, Stokes' theorem. Additionally, mathematics majors should be adequately prepared to continue their education in higher level courses where the concepts of calculus are examined in abstract form with full precision.

TEXTBOOK: Calculus Early Transcendentals w/ binder + **MyMathLab** by William Briggs & Lyle Cochran; 2nd edition; ISBN: 9781323110935

TUTORING: The Math Department tutoring hours are Monday – Thursday from 10am – 7pm and Friday from 10am – 2pm in the Library Commons. (This is on the first floor of the library.)

MYMATHLAB HOMEWORK: **Course ID: harville10354**

- Homework will be assigned through www.mymathlab.com. These will total as a 100-point grade. (Registration instructions for MyMathLab can be found on Blackboard.)
- Homework assignments, and individual questions, may be attempted as many times as needed before the due date, with only the best score counting toward the student's grade.
- Homework must be submitted by 11:59 pm on the due date to get full credit. **Any late online homework assignments may be submitted by 11:59 pm on Sunday, May 3 for half-credit.**
- When working an assignment after the due date, only work problems that you have previously gotten wrong OR not attempted. Working a problem you got correct prior to the due date will actually lower your score.

TESTS:

- There will be four major tests during the semester. Each test will count 100 points. The test questions will be similar in format to the examples in class and the homework problems.
- The lowest test grade will be replaced by the final exam percentage (if it is higher).
- If a test is missed for ANY reason, a grade of 0 will be given. There will be absolutely NO make-up tests given for ANY reason.
- Any student who will miss a test because of an official University function must reschedule and take this test at a time BEFORE the test is scheduled to be given. NO OTHER rescheduling will be allowed.
- Students must show all work for each test question and arrive at a correct answer.

Tentative Test Dates: Test 1 – Wed, Feb. 5; Test 2 – Wed, Feb. 26; Test 3 – Wed, Mar. 25; Test 4 – Wed, April 22

FINAL EXAM: **Wednesday, May 6 @ Noon**

- The final exam will count 200 points.
- Students will be given a maximum of three (3) hours to complete the final exam.
- Any student who must miss the final exam because of an official University function must reschedule the exam on some other mutually satisfactory date. Any student having three or more final exams scheduled for the same day will arrange with the instructor to take either the 12:00 p.m. OR the 7:30 p.m. exam on some other mutually satisfactory date.

FINAL GRADE: The cumulative point total for the course is 700 points – tests: 400, homework: 100, final exam: 200. The following point scale will be used to determine your final grade:

Grade	Percentage Range	Points Needed
A	90 – 100%	630 or above
A-	88 – 89.99%	616 or above
B+	86 – 87.99%	602 or above
B	80 – 85.99%	560 or above
B-	78 – 79.99%	546 or above
C+	76 – 77.99%	532 or above
C	70 – 75.99%	490 or above
C-	68 – 69.99%	476 or above
D	60 – 67.99%	420 or above
F	0 – 59.99%	0 or above

NOTE: An "I" grade will not be given without the permission of the Department of Mathematics.

ATTENDANCE: It is the philosophy of both the Department of Mathematics and the University that regular class attendance is conducive to learning and mastering the material. We suggest attending each and every class; however, we realize that this is an unrealistic expectation of some students. Attendance in this class will be recorded for information purposes, and it will be reported to the University as per policy. However, there is no punitive attendance policy in this course, and thus your grade will not be explicitly reduced due to your number of absences. Please understand that there is often material that presented in class that is not presented elsewhere, and you are responsible for **ALL** material presented in class. Attendance will be recorded using the automated attendance scanners located in the classroom. Attendance will be taken by scanning your student ID card on one of the scanners in the classroom. Students must make sure that the screen says "Scan Successful" when they scan their ID. Keep in mind that the scanner beeping does not give any indication on whether or not a scan was successful. Students may scan in to class beginning 10 minutes before class and no later than 15 minutes after the start of class. Students can view their absences and scan logs at attendance.olemiss.edu. Please note students are not allowed to scan for other students. Also, scanning in and leaving before the end of a lecture will not be tolerated. If you are not going to be able to stay for an entire lecture, then do not scan in. Any attempt at attendance fraud will be reported to the University, and appropriate actions will be taken.

Note: As per university policy dictated by federal guidelines, students who do not attend within the first two weeks will be administratively dropped from the course.

CALCULATORS AND ELECTRONIC DEVICES

- Calculators are NOT allowed on the tests. You may need a calculator on some homework questions.
- Calculators, cell phones, ipods, smart watches, and other electronic devices are prohibited on tests. Use of such equipment will be considered cheating.
- All electronic equipment should be turned off during class unless given permission by the instructor. This includes ipods, laptops, ipads, etc. Cell phones should be silenced and put away...**PLEASE!** The instructor may dismiss you from class if you are observed using any such electronics.

CHEATING: The following statement is the policy of the Department of Mathematics regarding cheating:

Offenses: Cheating on any exam or quiz; theft or attempted theft of exam questions; **use of prohibited technology on exams**; possession of exam questions prior to the time for examination; shall all be offenses subject to appropriate penalties. Furthermore, the presence of any mathematics (review tests, etc.) during tests shall be subject to the appropriate penalties.

Penalties: The penalty for commission of any offense set out above is a zero (0) on the assignment in question, and a recommendation of **failure** in the course to the Academic Discipline Committee. Furthermore, if you are found guilty of cheating, then the penalty could also include, subject to the approval of the Chancellor, dismissal or suspension from the University. Please note that any grade of zero (0) given for cheating will not be replaced if the Academic Discipline Committee does not follow the recommendation of course failure.

WITHDRAWAL DEADLINE FOR SPRING 2019 SEMESTER: Monday, March 2

After the course withdrawal deadline, a student may withdraw from a course only in cases of extreme and unavoidable emergencies as determined by the academic dean. Withdrawing from a course after the deadline will not be permitted because of dissatisfaction over an expected grade or because the student has changed his or her major. After the course withdrawal deadline, courses dropped will be recorded on University records and the W grade will be recorded if the student is not failing the course at the time of withdrawal; otherwise, the grade recorded will be F.

DISABILITY ACCESS & INCLUSION: The University of Mississippi is committed to the creation of inclusive learning environments for all students. If there are aspects of the instruction or design of this course that result in barriers to your full inclusion and participation, or to accurate assessment of your achievement, please contact the course instructor as soon as possible. Barriers may include, but are not necessarily limited to, timed exams and in-class assignments, difficulty with the acquisition of lecture content, inaccessible web content, and the use of non-captioned or non-transcribed video and audio files. If you are approved through SDS, you must log in to your Rebel Access portal at <https://sds.olemiss.edu> to request approved accommodations. If you are NOT approved through SDS, you must contact Student Disability Services at 662-915-7128 so the office can: 1. determine your eligibility for accommodations, 2. disseminate to your instructors a Faculty Notification Letter, 3. facilitate the removal of barriers, and 4. ensure you have equal access to the same opportunities for success that are available to all students.

Flexibility Clause: The aforementioned requirements, assignments, policies, procedures, etc. are subject to change.

PEARSON CUSTOMER SUPPORT:

Problems involving the MyMathLab software should be directed to their technical support department.

- The Pearson Customer Support Office is open Monday – Friday from 11 am until 7 pm (central time). Students may call 1-800-677-6337 to receive assistance with the software.
- Help can be found 24 hours a day online at <http://247pearsoned.custhelp.com/>.
- It is **highly recommended** that you do not use Safari as your internet browser for this software. MyMathLab does not work well with Safari...please use Google Chrome or Firefox.