Course Content and Objectives: This course is the fourth in the four-semester calculus sequence at the University of Mississippi. The course will cover the material of chapters 12, 13, and 14 of Briggs, Cochran and Gillett’s Calculus Early Transcendentals, which include Functions of Several Variables, Multiple Integrals and Vector Calculus.

The objectives of the course are to enable students 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.

Blackboard: https://blackboard.olemiss.edu
All course-related materials will be posted on Blackboard. Please check the website for updates throughout the term.


Evaluation: Three tests will be worth 50% of your grade, homework 15%, participation 5% and the final exam will be worth 30% of your grade. The following scale will be used to determine your final grade. Your course grade will be based on your percentage score (S) and determined according to the following scale.

\[
\begin{array}{cccc}
\text{A} & 93 \leq S \leq 100 & \text{A-} & 90 \leq S < 93 \\
\text{B+} & 87 \leq S < 90 & \text{B} & 83 \leq S < 87 \\
\text{B-} & 80 \leq S < 83 & \text{C+} & 77 \leq S < 80 \\
\text{C} & 70 \leq S < 75 & \text{D} & 60 \leq S < 70 \\
\text{F} & S < 60 \\
\end{array}
\]

Homework: Homework will be assigned regularly. The lowest homework grade will be dropped. Working on homework problems will be beneficial to you since the test problems may be similar. You can work on homework problems with your fellow students, but the work submitted must be your own. If you have any questions about the homework, do not hesitate to stop by my office!

(i) Homework assignments will be available through MyMathLab. Use the Course ID kocić07974 to sign up for our course online. (Additional details are given on Blackboard.)

(ii) Online homework assignments may be done as many times as needed before the due date, with only the best score counting toward the student’s grade.

(iii) To receive full credit, online homework must be submitted by 11:59 pm on the due date.

(iv) Caution. When working a MyMathLab assignment after the due date, you should only work on the problems that (a) you have not attempted or (b) you have not answered correctly. Working a problem that you have answered correctly prior to the due date may actually lower your score.
(v) To practice homework after the due date, go into your Gradebook. Click Review beside the desired assignment and you can work problems without the risk of lowering your score.

Midterm Tests: All tests will count equally. The lowest test grade will be replaced by the final exam percentage grade if that improves a student’s overall grade. There will be no make-up midterm tests (except for excused absences authorized by the University, see below). If a student has a valid reason for missing a test, documentation must be provided (e.g., a doctor’s note) and the final exam grade will be rescaled accordingly.

Final Exam: Wednesday, December 11, at 4 pm.

Additional Policies: Makeup exams will not be given. Any student who must miss a scheduled exam because of an official university function must reschedule with the instructor to take the exam at a time before the exam is scheduled to be given. No other rescheduling is allowed. Official documentation must be provided. Students must show all work for each test question and arrive at a correct answer in order to receive full credit. An I grade will not be given without the permission of the Department of Mathematics. Every student must take the final exam at the time scheduled.

Attendance and Participation: Attendance is mandatory! Students may have at most two undocumented absences. Any additional absences not documented by a doctor’s note or an official letter from the University will result in the decrease of the student’s participation grade.

Calculators: Graphing calculators, cell phones, and other electronic devices are not allowed during the tests and the final exam.

Withdrawal Deadline: The course withdrawal deadline for Fall 2019 is Monday, October 7. After the deadline, courses dropped will be recorded on University records and a grade of W will be recorded, if the student is not failing the course at the time of withdrawal; otherwise, the grade recorded will be an F. After the course withdrawal deadline, a student may drop a course only in cases of extreme and unavoidable emergency as determined by the academic dean; dropping a course after the deadline will not be permitted because of dissatisfaction over an expected grade or because the student is changing his/her major.

Important Dates:

<table>
<thead>
<tr>
<th>Event</th>
<th>Date</th>
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<tbody>
<tr>
<td>Labor Day Holiday</td>
<td>Monday, September 2</td>
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<tr>
<td>Test 1</td>
<td>Thursday, September 19</td>
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<tr>
<td>Test 2</td>
<td>Thursday, October 17</td>
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<tr>
<td>Test 3</td>
<td>Thursday, November 14</td>
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<tr>
<td>Thanksgiving break</td>
<td>Monday, November 25 - Friday, November 29</td>
</tr>
<tr>
<td>Classes End</td>
<td>Friday, December 6</td>
</tr>
<tr>
<td>Final Exams</td>
<td>Monday, December 9 - Friday, December 13</td>
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</tbody>
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Academic Honesty: The following statement is the policy of the Department of Mathematics regarding academic honesty: Cheating on any exam or quiz, theft or attempted theft of exam questions, possession of exam questions prior to the time for examination, or the use of an illegal calculator on tests or quizzes shall all be offenses subject to appropriate penalties. The penalty for commission of any offense set out above is failure in the course and, subject to the approval of the Chancellor, dismissal or suspension from the University.
Disability Access and 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.

Tutoring: Mathematics tutoring (FREE!) will occur in the J.D. Williams Library Commons. The Commons is on the bottom floor of the J.D. Williams Library. No appointment is necessary. A desk-worker is stationed near the reference desk and can point you in the direction of a tutor. Tutoring hours have been posted on Blackboard.