Unified Calculus & Analytic Geometry IV  
Spring 2018 - Math 264 - Section 3

Lectures. Monday, Wednesday, Friday, 9:00 – 9:50 am, Hume 113
Instructor. Dr. Henegan
Office. Hume 320
Email. jhenegan@olemiss.edu
Office Hours. Tuesday and Thursday, 1:00 - 2:30 pm. Also by appointment.

Textbook. Calculus Early Transcendentals w/binder + MyMathLab, 2nd Edition

Blackboard. We will use the Blackboard online course system.

Coverage. Chapters 12, 13, and 14, which include Functions of Several Variables, Multiple Integration, and Vector Calculus.

Learning Objectives. One goal of this course is to enhance the student’s critical thinking and analytical reasoning abilities. Students who successfully complete this class will be able to undertake the main courses related to their majors with full command of the required mathematical tools and to apply concepts and theories learned in class to solve a variety of problems. 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.

Grading. At the end of the semester, your course grade will be calculated out of a total of 700 points.

<table>
<thead>
<tr>
<th>Category</th>
<th>Points</th>
</tr>
</thead>
<tbody>
<tr>
<td>Homework</td>
<td>100</td>
</tr>
<tr>
<td>Tests</td>
<td>400</td>
</tr>
<tr>
<td>Final Exam</td>
<td>200</td>
</tr>
<tr>
<td>Total</td>
<td>700</td>
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</tbody>
</table>

Your letter grade for the semester will be determined by your Total Points and the following scale:

A: 651; A-: 630; B+: 609; B: 581; B-: 560; C+: 539; C: 490; D: 420; F: below 420.

An “I” grade will not be given without the permission of the Department of Mathematics.

Homework.

1. Homework assignments will be available through MyMathLab. Use the Course ID henegan47685 to sign up for our course online. (Additional details are given on Blackboard.) Your overall performance on the MyMathLab assignments will constitute the 100 point “Homework” grade at the end of the semester.
2. 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.
3. To receive full credit, online homework must be submitted by 11:59 pm on the due date.
4. Caution. When working a MyMathLab assignment after the due date, you should only work on the problems that (i) you have not attempted or (ii) you have not answered correctly. Working a problem that you have answered correctly prior to the due date may actually lower your score.
5. 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.
Tests, Final Exam, and Replacement Grade

1. There will be four tests during the semester. Each test will be worth 100 points. The test questions will be similar in format to the examples in class, the homework problems, and/or problems from study guides, which will be posted to Blackboard.

2. Replacement Grade. The lowest test grade will be replaced by the final exam percentage if and only if the final exam percentage is higher than the lowest test grade. Please note that the homework grade will not be replaced.

3. Missing a Test for a University Function. Any student who must miss one of the four major tests 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.

4. No make-up tests. If a test is missed for any reason (other than the situation described in item 3), then a grade of zero (0) will be given. There will be no make-up tests.

5. Students must show all work for each test question and arrive at a correct answer in order to receive full credit.

6. The final examination is comprehensive and will count 200 points.

7. A Special Note on Final Exams. Any student having three or more final examinations scheduled for the same day will arrange with the instructor to take the noon or the 7:30 p.m. examination on some other mutually satisfactory date.

8. Every student must take the final exam at the time scheduled. The only exceptions are those students affected by item 3 or item 7 above.

9. The final exam for this course will be on Wednesday, May 9 at 8:00 am.

Test Schedule. The schedule is tentative. It depends on our actual pace in class and is subject to change.

<table>
<thead>
<tr>
<th>Test</th>
<th>Date</th>
<th>Sections Covered</th>
</tr>
</thead>
<tbody>
<tr>
<td>Test 1</td>
<td>Monday, February 12</td>
<td>12.1, 12.2, 12.3, 12.4, 12.5, 12.6, 12.7</td>
</tr>
<tr>
<td>Test 2</td>
<td>Friday, March 2</td>
<td>12.8, 13.1, 13.2, 13.3</td>
</tr>
<tr>
<td>Test 3</td>
<td>Monday, April 2</td>
<td>14.1, 14.2, 14.3, 14.4</td>
</tr>
<tr>
<td>Test 4</td>
<td>Monday, April 22</td>
<td>14.5, 14.6, 14.7, 13.4, 13.5, 14.8</td>
</tr>
<tr>
<td>Final Exam</td>
<td>Wednesday, May 9 at 8:00 am</td>
<td>12.9, 13.7, and everything listed above</td>
</tr>
</tbody>
</table>

Calculators and Electronic Devices.

1. Tests and Exams. Electronic devices (including calculators, cellphones, tablets, and laptops) are prohibited on all quizzes and exams. Failure to follow this rule will be considered a form of Academic Dishonesty.

2. Lectures. Please be considerate of your fellow students if you decide to use an electronic device during a lecture. If the use of such a device proves to be a distraction either to your fellow students or to the instructor, then you will be asked to put the device away.

Important Dates from the Academic Calendar

- Monday, January 22: Classes Begin
- Friday, January 26: Students may add courses on a space available basis through this date
- Friday, February 2: Last day to register or add classes. (Between January 27 and February 2, students may add only with instructors approval.) Refund period ends.
- Monday, February 12: Mandatory drop date for non-attendance.
- Friday, March 2: Deadline for course withdrawals (no refund; refund period ended February 2).
- Monday, March 5: Midterm grades due.
- March 10-18: Spring Break.
- Friday, March 30: Good Friday.
- Friday, May 4: Classes End.

Attendance.

Attendance in this class will be recorded for administrative purposes, and it will be reported to the University as per policy. 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.

1. Students are allowed a total of six (6) absences throughout the semester. Students who accumulate more than six will have ten (10) points deducted from their final point total for each absence above the limit.
2. At the beginning of the semester, I will manually call roll each class in order to keep track of attendance. At some point (probably right after the first test), we may start using the ID scanners. Once we begin to use the ID scanners, each student is responsible for “scanning” in each day. As you scan in, make sure your scan has been successful. Do not scan in for your friends or have a classmate scan in for you.
3. Attendance (and identity) fraud is a form of academic dishonesty. Scanning and leaving before class is dismissed will also be considered academic dishonesty. If you need to leave early, consult with me before class begins. Students engaging in fraud will fail the class and will be reported to the university for further disciplinary action.
4. Students whose attendance is not verified within the first two weeks of the semester may be dropped from the roll.
5. You are responsible for any material, assignments, or announcements that you miss if absent from a class.

Tutoring. Tutoring services will be offered in Hume 326. On Monday through Thursday, they are open from 10:00 am - 6:00 pm. On Friday, they are open from 10:00 am - 5:00 pm.

Academic Conduct. The student is expected to uphold the University’s Standards of Honesty as they are explained in Undergraduate Catalog. The instructor is expected to uphold the University’s Discipline Procedures (http://catalog.olemiss.edu/academics/regulations/conduct) in cases of Academic Dishonesty.

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, possession of exam questions prior to the time for examination, or the use of an electronic device (including cell phones) on tests or quizzes shall all be offenses subject to appropriate penalties.
- Penalties. The penalty for commission of any offense set out above is a zero on the assignment and a recommended sanction of failure in the course (without possibility of academic forgiveness) to the Academic Discipline Committee and, subject to the approval of the Chancellor, dismissal or suspension from the University.

Academic Needs. It is the responsibility of any student with a disability who requests a reasonable accommodation to contact the Office of Student Disability Services (915-7128). Contact will then be made by that office through the student to the instructor of this class. The instructor will then work with the student so that a reasonable accommodation of any disability can be made.