

Math 262 Unified Calculus and Analytic Geometry II Syllabus for Section 6 (honors) Spring 2020

Instructor: Dr. Dao Nguyen

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Office Hours: 8:00-9:00PM (MWF) (or by appointment)

Lecture Days: MWF 12:00-12:50AM

Classroom: Hume 109

Text: Calculus Early Transcendentals 3rd Edition + MyMathLab by William Briggs & Lyle Cochran; ISBN-13: 9780134763644

Prerequisite: Math 261 with minimum grade of C.

Course content and description: We will cover chapter 5, 6, and 8 of the textbook. Students who successfully complete Math 262 should be able to determine an antiderivative for polynomial, trigonometric, exponential, logarithmic, rational, and radical functions using a variety of methods. Students should also be able to write and evaluate definite integrals that represent plane area, volume, arc length, and surface area.

Homework: The homework assignments will be electronically assigned on www.pearsonmylabandmastering.com and due on Monday of every week. The Homeworks will be worth a total of 100 points.

Tests: There will be three tests during the semester. Each test will count for 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 that improves the overall grade.

Final exam: The final exam will be comprehensive and count for 200 points.

Calculator: Calculators, cell phones, and all other electronic equipment are prohibited during tests.

Important notes

1. 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.
2. Any student who will miss one of the three 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.
3. An 'I' grade will not be given without the permission of the Department of Mathematics.
4. Students must show all work for each test question and arrive at a correct answer in order to receive full credit.
5. The final exam for Math 262-6 is at 12:00 PM on Monday, May 8.

Grading policy: The cumulative point total for the course is 600:
600 points = 300 (tests) + 100 (homework) + 200 (final exam)

The final grade will be based on the following scale:

A: 93%, A-: 90%, B+: 87%, B: 83%, B-: 80%,
C+: 77%, C: 73%, C- : 70%, D: 60%, F: below 60%.

Tutoring: The Math Department offers free tutoring in Library Commons M-Th 10:00AM-7:00PM, F 10:00AM- 2:00PM.

Attendance policy: You are allowed to have 3 absences. Ten points are deducted from the final point total for each absence above the limit. It is the student's responsibility to make sure his/her attendance record is correct.

Special note: A grade of C or better in Math 262 is required in order to take Math 263.

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.

Withdrawal deadline: The course withdrawal deadline for Spring 2020 is Friday, March 2. After the 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. 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.

Academic needs: 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.

Important dates:

- January 27: Students may add courses on a space available basis through this date.

- February 3: Last day to register or add classes (between January 21 and January 27 may add only with instructors approval.)
- March 2: Deadline for course withdrawals.
- Spring break: March 7-15 (Saturday–Sunday).
- Classes end: Friday, May 1.
- Final Exams: Friday, May 8, 12:00 PM.