Math 262- Calculus II

Spring 2020 Syllabus

Instructor: Dr. Qin Zhang   **Office:** Hume 219

Email: qzhang@olemiss.edu   **Office Hours:** MWF 12:00-1:00pm

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Text/Software:

1. Calculus Early Transcendentals + MyMathLab by William Briggs & Lyle Cochran; 3rd ed; **ISBN**: 9780134996684.

2. Mathematica (do not purchase): available on the computers in the Weir Hall Computer Lab or install on your computer using the university site license (through myolemiss → Technology → Research Software).

Learning Outcomes

This course covers integration and its applications. We will cover Chapters 5-9. 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 and arc length.

Homework

1. Homework will be assigned for each section of material covered and will count for a total of 100 points.

2. Homework assignments will be done on the computer using the MyMathLab courseware.

3. Homework must be submitted by 11:59 p.m. on the due date for full credit.

4. Homework assignments may be submitted after the due date for half credit until **Sunday, May 3rd**.

Tests and Final Exam

1. There will be four major tests during the semester. Each test will count 100 points (400 points total).

2. The lowest test grade will be replaced by the final exam percentage, if it is higher.

3. If a test is missed for ANY reason, a grade of 0 will be given. NO make-up tests will be granted.

4. Any student who will miss one of the four tests because of an official University function must reschedule and take this test at a time BEFORE the test is scheduled to be given.

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

Tutoring

Tutoring is available for Math 262. It will take place in J.D. Williams Library Commons (Monday to Thursday: 10 am to 7 pm, Friday: 10 am to 2 pm).

Calculators and Electronic Devices

Electronic calculators and cell phones are prohibited on tests, quizzes, and the final exam. Use of such electronic equipment while taking a test, quiz, or final exam will be considered academic dishonesty and appropriate action will be taken.

Final Grade

The cumulative total for the course is 700 points – Tests: 4×100, Homework: 100, Final Exam: 200.

Grade	Points Necessary	
A	630 to 700	(90%)
A-	616 to less than 630	(88%)
B+	602 to less than 616	(86%)
B	560 to less than 602	(80%)
B-	546 to less than 560	(78%)
C+	532 to less than 546	(76%)
C	490 to less than 532	(70%)
D	420 to less than 476	(60%)
F	below 420	

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

Attendance Policy

Regular class attendance is essential to learning and mastering the material. Attendance in this class will be recorded using the automated attendance scanners located in the classroom, and it will be reported to the University as per policy.

1. Students are allowed five (5) absences in a MWF section without penalty.

2. Students are allowed three (3) absences in a TTh or MW section without penalty.

3. Students who accumulate more absences than are allowed for their specific section will have ten (10) points deducted from their final point total FOR EACH absence above the limit for their respective section.

4. Students must take the responsibility of telling the instructor in advance if they must leave early, and must discuss with the instructor **immediately after class** if they entered the classroom after class has begun. It is the students responsibility to make sure that their attendance record is correct.

5. Attendance fraud is a form of academic dishonesty. Students engaging in fraud will fail the class and be reported to the university for further disciplinary action. If a student must leave class after signing in, it is the responsibility of the student to communicate with the instructor before class begins.

NOTE: Students who do not attend class within the first two weeks of the semester will be administratively dropped from the course.

Cheating

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

Offenses: Cheating on any exam, quiz, homework, work to be completed in class; the use of calculators of any kind during tests or quizzes; theft or attempted theft of exam questions; use of prohibited technology; or possession of exam questions prior to the time for examination; shall all be offenses subject to appropriate penalties.

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 – **Monday, March 2nd**

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.

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.