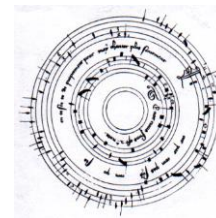


Math 262/section 06H – Unified Calculus and Analytic Geometry II
Syllabus – Spring 2014



INSTRUCTOR: Dr. Qingying Bu
OFFICE: Hume 311

E-MAIL ADDRESS: gbu@olemiss.edu
OFFICE HOURS: 2:00-5:00pm MWF or by appointment

Course contents and goals: We will cover chapters 5, 6, and 7. Students who successfully complete Math 262 should be able to evaluate definite and indefinite integrals 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 areas, volumes, arc length, surface area, etc

TEXT: Calculus Early Transcendentals w/ binder + MyMathLab by William Briggs & Lyle Cochran; ISBN: 9781256652533
Mathematica (do not purchase) – available on the computers in the Weir Hall Computer Lab or install on your computer using the university site license; installation instructions at <http://www.mcscr.olemiss.edu/appsubpage.php?pagename=mathematica.inc>

- TESTS:**
1. There will be four major tests during the semester. Each test will count 100 points. (The lowest test grade will be replaced by the final exam percentage.)
 2. Online homework and Mathematica worksheets (counting a total of 100 points) will be given throughout the semester. Use Course ID: **bu06293** to enroll in www.mymathlab.com to do online homework.
 3. The final examination is comprehensive and will count 200 points.
 4. The questions on four tests and the final exam will be similar in format to the examples in class and the online homework problems.

VERY IMPORTANT:

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. The lowest of the four major test grades will be replaced by the exam percentage. Please note that the homework/quiz grade cannot be replaced.
3. 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. NO OTHER rescheduling will be allowed.
4. An "I" grade will not be given without the permission of the Department of Mathematics.
5. Students must show all work for each test question and arrive at a correct answer.
6. Any student having three or more final examinations scheduled for the same day will arrange with the instructor to take the 12 noon examination or the 7:30 p.m. examination on some other mutually satisfactory date.
7. Every student must take the final exam at the time scheduled. The only exceptions are those students affected by # 3 or # 6 above.

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

Grade	Percentage	Grade	Percentage
A	93%	C ⁺	77%
A ⁻	90%	C	70%
B ⁺	87%	D	60%
B	83%	F	below 60%
B ⁻	80%		

TEST DATES: to be announced in class.

FINAL EXAM: at noon, Friday, May 9..

ATTENDANCE POLICY: Students are allowed **three** 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

The Honor Code

"On my honor, I pledge that I have neither given, received, nor witnessed any unauthorized help on this _____."

Signed _____

The Sally McDonnell Barksdale Honors College employs an Honor Code centered on honesty, sincerity, and justice. The purpose of this Honor Code is to strengthen the sense of community in which the Honors College takes great pride. Its strength depends on the personal honor and integrity of each Honors College member. Honors students are required to write the statement above on any assignment submitted for grading in Honors classes, thereby reinforcing the atmosphere of trust within the Honors College community.

In addition, the Honors College instituted the following policy in 1999, which is in effect in all honors classes:

Academic integrity is essential to all the values upon which the university is founded. Honors students must therefore embody academic honesty in all aspects of their work. A student with a documented case of plagiarism or academic cheating in an honors course will face the possibility of receiving the grade of F for the course and being dismissed from the Honors College. Specific consequences of such behavior will be determined by the administration and individual faculty member.

Attendance Policy

Honors courses are small classes, usually taught in seminar style with no more than fifteen students. They are reading, writing and discussion intensive. Student participation is therefore essential. In addition, the university commits extensive resources, especially in terms of faculty time, to these small classes. For these reasons, the Honors College has an attendance policy for all honors courses, both required and departmental. Students are entitled to two absences in Tuesday/Thursday classes and to three absences in Monday/Wednesday/Friday classes. Consequences of additional absences will be determined by the individual faculty member, but additional absences will lower your grade.

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

CALCULATORS: Your brain is a sufficient calculator in Math 262. Electronic calculators, cell phones, and ipods are prohibited on tests and quizzes.

ELECTRONIC DEVICES: All cellular phones, pagers, and other electronic equipment should be turned off during the class period, during movies, in churches, bookstores, restaurants, elevators, grocery stores, and especially while operating a motor vehicle.

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, 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.

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 FOR 2013 SPRING SEMESTER: Tuesday, March 4, 2014.

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. 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: 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.

SUGGESTED PRACTICE EXERCISES FOR MATH 262/section 06H

Section 4.8: 19-34.

Section 5.1: 15-20 (right sums only), 31-34

Section 5.2: 19-24, 27, 31-38, 45-50

Section 5.3: 11, 12, 23, 25-56, 69-72 (part b only), 74-82, 87-91, 94, 95

Section 5.4: 19-22, 31-34, 36

Section 5.5: 17-42, 45-48, 52-63, 65-68, 90-93

Section 6.1: 7-18, 25-27

Section 6.2: 5-16, 23-25, 27-30

Section 6.3: 15-18, 23-26, 31, 32

Section 6.4: 5-8, 11-14

Section 6.5: 3-7

Section 6.7: 7-18, 31-34

Section 7.1: 7-19, 22, 29-35

Section 7.2: 9-18, 25-32

Section 7.3: 7-28, 41-46, 48-51, 54

Section 7.4: 9-18, 19-25, 30-36, 67-70

Section 7.7: 5-20, 27-36

Section 7.8: 9-20, 23-26