

Math 262 – Unified Calculus and Analytic Geometry II, Spring 2014

Syllabus

Instructor: Dr. Wanda R. Payne
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Office Hours: Tuesday 1-3 or by appointment
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Course Contents and Goals: 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 areas, volumes, arc length, surface area, etc.

Text: Calculus Early Transcendentals w/ binder + MyMathLab by William Briggs & Lyle Cochran; ISBN: 9781256652533 Mathematica is 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.mcsr.olemiss.edu/appsubpage.php?pagename=mathematica.inc>. Do not purchase Mathematica.

Homework: Quizzes, online homework, and Mathematica worksheets will be given throughout the semester and are worth a total of 100 points. There are no make-up quizzes, and homework due dates will not be extended.

Tests: There will be six tests during the semester. Each test will count 50 points. The test questions will be similar in format to the examples in class and the homework problems. The two lowest test grades will be replaced by the final exam percentage. 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. Any student who will miss one of the six 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. Students must show all work for each test question and arrive at a correct answer.

Final Exam: The final examination is comprehensive and will count 200 points. The final exam for Math 262-5 is Monday, May 5, at noon. The final exam for Math 262-9 is Tuesday, May 6, at 8:00 a.m. Every student must take the final exam at the time scheduled. 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.

Final Grade: The cumulative point total for the course is 600 points – tests: 300, homework/quizzes: 100, final exam: 200. The following point scale will be used to determine your final grade.

Grade	Percentage	Points
A	93%	558-600
A-	90%	540-557
B+	87%	522-539
B	83%	498-521
B-	80%	480-497
C+	77%	462-479
C	70%	420-461
D	60%	360-419
F	Below 60%	Below 360

A grade of C or better in math 262 is required in order to take Math 263. An “I” grade will not be given without the permission of the Department of Mathematics.

Attendance Policy: For classes that meet three days a week, students are allowed (5) absences. For classes that meet two days a week, students are allowed (3) absences. Ten points are deducted from the final point total for each absence above the limit. It is the student's responsibility to keep up with his/her attendance record. You must scan in with your University ID to be counted present.

Calculators: Your brain is a sufficient calculator in Math 262. Electronic calculators, cell phones, iPods, and other electronic devices 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 places of worship, bookstores, restaurants, elevators, grocery stores, and especially while operating a motor vehicle.

Cheating: The following statement is the policy of the Department of Mathematics in Math 261 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 Spring 2014: Tuesday, March 4. 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 (662-915-7128). 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.

Tentative Test Dates:	<u>Section 5</u>	<u>Section 9</u>
Test 1 (5.1, 5.2, 5.3, 5.4)	Wednesday, February 5	Thursday, February 6
Test 2 (5.5, 6.1)	Monday, February 17	Tuesday, February 18
Test 3 (6.2, 6.3, 6.4, 6.5)	Wednesday, March 5	Thursday, March 6
Test 4 (6.7, 7.1)	Monday, March 24	Tuesday, March 25
Test 5 (7.2, 7.3, 7.4)	Friday, April 11	Thursday, April 10
Test 6 (7.7, 7.8)	Friday, April 25	Thursday, April 24
Final Exam (comprehensive)	Monday, May 5, noon	Tuesday, May 6, 8:00 a.m.