

# MATH 262 UNIFIED CALCULUS AND ANALYTIC GEOMETRY

## Syllabus --Spring 2005

**Instructor:** Patricia Treloar  
**Email:** ptreloar@olemiss.edu

**Office:** Vardaman 201  
**Office hours:** MTWTh 10:30-12:00 (or by appointment)

**Text:** Calculus Second Edition by Smith and Minton

**Prerequisite:** A grade of C or better in Math 261 or an equivalent course at another school

- Tests:**
1. There will be 4 major tests during the semester. Each test will count 100 points. Test questions will similar in format to examples worked in class and practice problems assigned from the text.
  2. There will be 7 homework assignments to hand in. These homework assignments will be made at least two class meetings in advance and will count 20 points each. The 2 lowest homework grades will be dropped. You must be present to turn in the assignment (i.e. you cannot send the assignment by another student or just turn in the assignment and leave). However, if you will be absent because of an official University function, you may turn the assignment in before you leave. Late assignments will not be accepted.
  3. The final examination is comprehensive and will count 200 points.

**Final Grade:** The cumulative point total for all graded work in the course is 700 points (400 test, 100 homework assignments, 200 final exam).

The following point scale will be used to determine your final grade:

Total points	Grade
630-700	A
560-629	B
490-559	C
420-489	D
Below 420	F

You must earn a C or better in Math 262 before enrolling in any mathematics course for which Math 262 is a prerequisite.

### 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. Anyone who must miss a scheduled test because of an official University function must arrange to take the test *before* the scheduled test date. No other rescheduling will be allowed.
2. The final exam percentage will be used to replace the lowest grade on one of the 4 major tests, provided this percentage is higher than the lowest test grade **or** it will be used to replace one missed test, but not both. Do not miss more than one major test!
3. Students must show all work for each test question and arrive at a correct answer to receive full credit.
4. Students are encouraged to use calculators in class and are allowed to use calculators to aid in computations on homework. Students will be allowed to use a scientific or graphing calculator for ten minutes at the end of each test to check calculations.
5. Every student must take the final exam at the time scheduled. No exceptions will be made. The final exam for Math 262, section 2 will be given at 8:00 on Tuesday, May 10.
6. An "I" grade will not be given without the permission of the Department of Mathematics.
7. The last day to withdraw without receiving a grade is Monday, February 28. After that date, a student will only be allowed to withdraw if there is an extreme and unavoidable emergency. Students withdrawing after February 28 will be given a grade of W **only if** the student is passing at the time of withdrawal.
8. Students who require special accommodations because of a documented disability must contact the Office of Student Disability Services (915-7128). The OSDS will provide the student with forms to present to the instructor requesting appropriate services.
9. It goes without saying that cheating of any form in this class will not be tolerated. The penalty for cheating is failure in course and possible dismissal or suspension from the University.
10. Any student wishing to discuss the instructor or the instructor's policies in this course should make an appointment with the course supervisor in the Department of Mathematics.
11. Please turn off cell phones in class. If your phone rings, you will be asked to leave.

**Dates to remember:**

March 14-18	Spring Break
Friday, March 25	Good Friday holiday
Friday, May 6	Last day of classes for spring semester

**Tentative test dates and suggested practice (odd) problems:**

<b>Test 1 – Wednesday, Feb. 2:</b>	Section 4.1: 5-39; 4.3: 5-13, 37, 41, 43; 4.4: 15-23, 21, 31-37, 49, 63; 4.5: 5-29, 33, 39-51, 57, 77; 4.6: 5-55.
<b>Test 2 – Wednesday, Feb. 23:</b>	Section 5.1: 5-33; 5.2: 1, 3, 7, 11, 15, 17, 27-31, 39; 5.3: 5-33, 39; 5.4: 9-17, 23, 31, 37.
<b>Test 3 – Wednesday, Mar. 30</b>	Section 6.1: 5-39; 6.2: 5-27; 6.3: 5, 7, 13-45, 51, 53, 61-75; 6.5: 1-9, 13, 17; 6.8: 3-37, 41, 45; 6.9: 13-35.
<b>Test 4 – Wednesday, Apr. 27</b>	Section 7.1: 3-57; 7.2: 3-13, 17, 23, 25; 7.3: 3-15, 27-37; 7.4: 3-25.
<b>Additional sections for exam</b>	Section 7.6: 3-25; 7.7: 5-33.