

## Unified Calculus & Analytic Geometry IV Math 264 Section 5 Spring 2017

**Lectures:** MWF 8:00 – 8:50 am, Hume 203

**Instructor:** Pengfei Zhang

**Office:** Hume 323

**Email:** pzhang2@olemiss.edu

**Office Hours:** Tuesday 2:00 – 5:00 pm in Hume 323, or by appointment.

**Textbook:** *Calculus Early Transcendentals* w/binder + MyMathLab, 2nd Edition

**Author:** William Briggs & Cochran. ISBN-13: 978-1-323-14206-6

**Topics to be covered:** Chapters 12, 13, and 14, which include Functions of Several Variables, Partial Derivatives, Lagrange Multipliers, Multiple Integrals and Vector Calculus.

**Learning Objectives:** The course is a culmination of the sequence of Calculus and addresses the main topics of Calculus. After completing this course, a student should have a complete command of all basic techniques of undergraduate calculus. Students completing the course will be able to develop problem solving skills, apply concepts and theories learned in class to solve some application problems, prepare for related upper division courses.

**In Class.** Laptops and cell phones should be silenced before class begins. Attendance will be recorded for informational purposes. You are responsible for any material, assignments, or announcements that you miss if absent from a class.

**Homework.** Homework will be assigned through MyMathLab [www.pearsonmylabandmastering.com](http://www.pearsonmylabandmastering.com) and will be due weekly. The course ID is **zhang66561**.

**Blackboard.** You will use the Blackboard online course system to get supplemental materials, monitor your grades, and communicate with classmates.

**Exams.** There will be three mid-term exams (see the schedule attached). The final exam is on Monday May 8, 8–11am.

Calculators and any other electronic devices are prohibited on all exams.

### Grading

1. Your course grade will be calculated out of a total of 600 points:

Each mid-term exam counts 100 points, homework/participation counts 100 points, and the final exam counts 200 points.

2. The lowest grade of the three mid-terms can be dropped. Please note that the homework/quiz grade cannot be dropped.

3. Letter score cutoffs:

A: 558; A- 540; B+: 522; B: 498; B-: 480; C+:462; C: 420; D: 360; F: below 360.

## Tentative Schedule of lectures for Math 264

The schedule is tentative. It depends on our actual pace in class and is subject to change.

Week	Monday	Sections	Events
1	1/23	12.1, 12.2	
2	1/30	12.3, 12.4	Refund period ends on Friday
3	2/06	12.5, 12.6	
4	2/13	12.7, 12.8	Quiz 1 on Wednesday
5	2/20	12.9	Exam 1 on Wednesday
6	2/27	13.1	Deadline for withdrawal on Friday
7	3/06	13.2, 13.3	
8	3/13		Spring Break
9	3/20	13.4, 13.4	Exam 2 on Wednesday
10	3/27	13.6, 14.1	
11	4/03	14.2, 14.3	
12	4/10	14.4	Good Friday
13	4/17	14.5	Exam 3 on Wednesday
14	4/24	14.6–14.8	
15	5/01	Review	Reading week
16	5/08	Final Exam	