

MATH 263
Fall 2009

COURSE INFORMATION

- INSTRUCTOR : Przemo Kranz, Hume 333. tel. 915 7819, mmkranz@olemiss.edu
- TEXT: James Stewart Calculus, Vol. 2, Math 263/264, Cenage Learning
- CLASS MEETS : M–W 3:00 – 4:15 pm in Hume 201
- OFFICE HOURS : T–Th 8:00 - 11:00 and by appointment.
- GRADING : There will be three tests, each worth 100 pts. and a Final Examination, worth 200 pts. In addition there will be up to 15 quizzes of 10 pts. each. Only 10 best quiz scores will be used to determine the grade. The Homework will be done online and will contribute up to 100 pts. to the overall score. 90% of the total score will yield an **A** grade, 80% a **B** grade, *etc.*
- **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 test grade will be replaced by the final exam percentage (it this is higher). Do not miss (for any reason) more than one major test. There will be no means to make up a test. Note that the quiz/HW grade cannot be replaced.
 3. Any person who must miss a scheduled exam because of an official University function must reschedule and take this exam BEFORE the exam 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. If a student wishes to discuss the grading policy, the testing policy, or wishes to have any conversation regarding the instructor of the course, please see the instructor in the appointed OFFICE HOURS or make the appointment with the Department's Chairman, Dr. Iwo Labuda in Hume 305.
 7. Every student must take the final examination at the time scheduled.
- SPECIAL NOTE : All cellular phones, pagers, and other electronic equipment should be turned off during the class period.

- SYLLABUS

I. PARAMETRIC EQUATIONS AND POLAR COORDINATES.

Chapter 11 – 5 sections

II. INFINITE SEQUENCES AND SERIES.

Chapter 12 – 10 sections

III. VECTORS AND THE GEOMETRY OF SPACE.

Chapter 13 – 6 sections

IV. VECTOR FUNCTIONS.

Chapter 14 – 4 sections

- **IMPORTANT INFORMATION** : In order to succeed in this course, students are required to attend the classes **regularly** and be in class **on time**.

- **HOME WORK** : All HomeWork assignments will be given and should be done online. You need to enter the site <http://www.webassign.net> and self-enroll in the course using the class key : olemiss 5593 1237 .

- **COURSE OBJECTIVE** : The course is a bridge in the Calculus sequence to join the one – dimensional Calculus with the Calculus of functions of many variables. The aim is to expand the tools used in the mathematical reasoning to prepare the student to address the more complex setting of Calculus of multivariable functions. Additionally, several topics covered in the course (Parametric and Polar Equations, Vectors and Vector Valued Functions) have their independent applications to advanced concepts useful in Physics and Engineering,