Introduction to Analysis II — Math 4443/5443
Course Information
Spring 2009

Instructor: John Albert
Office: PHSC 1004
Phone: 325-3782
Office Hours: Mondays and Wednesdays 2:30 to 3:30, Thursdays 10:30 to 11:30 (or by appointment)

Prerequisite: Math 4433 (Discrete Mathematics).

Materials: The text for this course is *Introduction to Real Analysis (Third Edition)* by Robert G. Bartle and Donald R. Sherbert. After briefly reviewing chapter 6, we will cover chapters 7, 8, and 9. Further topics (perhaps including chapter 11 and some material on the Lebesgue integral) will be covered as time permits.

Information about the course, such as homework assignments and quiz and test dates, will be posted on the course web page, which is at **www.math.ou.edu/∼jalbert/courses/4443sp09.html** .

Grading: The course grade will depend on your scores on the weekly homework assignments; several quizzes; two in-class exams (given Friday, Feb. 27 and Friday, Apr. 17); and a final exam (Thursday, May 14 from 8:00 am to 10:00 am). Your overall score for the course will be determined by the formula

$$\text{score} = (\text{homework }\%)\times(0.40)+(\text{quiz }\%)\times(0.10)+(\text{exam 1})\times(0.15)+(\text{exam 2})\times(0.15)+(\text{final exam})\times(0.20).$$

This means that the homework accounts for 40% of the final score, the quizzes count for 10%, the two in-class exams each count for 15%, and the final exam counts for 20%. The cutoff for an A will be a score of about 70, while the cutoff for a B will be somewhere around 40.

University policy is that in slash-listed courses, students taking the course at the 5000 level will have substantial additional requirements beyond those for students at the 4000 level. In this course, the additional requirements will take the form of additional homework problems on the weekly assignments.

Make-up exams will be given only when there is a compelling reason, such as illness, for being absent from the exam. If you are unable to attend an exam, please call me BEFORE the exam begins. If I am not in my office, leave a message for me at the Mathematics Department. The departmental phone number is 325-6711.

Academic Integrity: Consult the webpage **http://www.ou.edu/provost/integrity** for a discussion of academic integrity and academic misconduct. For a discussion of faculty and student rights and responsibilities under the University's academic misconduct code, see
http://www.ou.edu/provost/integrity-rights.

Reasonable Accommodation: Here is the University's policy on accommodation of students with disabilities.

> *The University of Oklahoma is committed to providing reasonable accommodation for all students with disabilities. Students with disabilities who require accommodations in this course are requested to speak with the professor as early in the semester as possible. Students with disabilities must be registered with the Office of Disability Services prior to receiving accommodations in this course. The Office of Disability Services is located in Goddard Health Center, Suite 166, phone 405/325–3852 or TDD only 405/325–4173.*