

**MATH 5463 — REAL ANALYSIS II — COURSE INFORMATION  
SPRING 2013**

**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 5453 (Real Analysis I)

**Materials:** The text for this course is *Real Analysis (Fourth Edition)* by H. L. Royden and P. M. Fitzpatrick. Another reference is *Measure and Integral: An Introduction to Real Analysis* by R. Wheeden and A. Zygmund, but this is not a required text for the course. This semester we'll cover portions of chapters 7, 8, 17, 18, 19, and 20 of Royden and Fitzpatrick, and material from chapters 8, 9, and 12 of Wheeden and Zygmund.

Information about the course, such as homework assignments and test dates, will be posted on the course page at **learn.ou.edu**. The home page for the course is also reachable at **www.math.ou.edu/~jalbert/courses/5463sp13.html**.

**Grading:** There will be roughly 10 homework assignments, two one-hour midterm examinations, and a final exam. Assignments will count for 30% of the grade; each of the midterm examinations will count for 20%, and the final exam will count for 30%.

The final exam is scheduled for Friday, May 10, from 8:00 to 10:00 am; in the regular classroom, PHSC 228. The midterm examinations will be given during regularly scheduled class periods: one on Friday, February 22; and one on Friday, April 12.

**Disabilities:** Students with disabilities who require accommodations in this course should speak with me as early in the semester as possible.