Instructor: David Walnut
Office: Science and Technology I, room 261
Phone: 703 993 1478 (voice) 703 993 1491 (fax)
Email: dwalnut@gmu.edu
Course Web Page: Access through http://math.gmu.edu/coursehomepages.htm
Office hours: MW 1:00–2:30 and by appointment.
Topics:
The course will introduce Lebesgue measure on the real line and the Lebesgue integral of functions of a single variable. $L^p$ spaces on the real line for $1 \leq p \leq \infty$ will be introduced. We will also discuss abstract measure spaces and differentiation.
The course webpage contains important announcements, handouts, and other useful information for students in this course. You should check the web page regularly so that you will not miss important information.
Grading:
Homework assignments will be given throughout the semester. Your homework grade will count for 80% of your semester grade. Also a written in-class final exam will be given on Monday, May 16, 4:30pm–7:15pm in the same room where we have class. Your final exam score will count for 20% of your final grade.