Math513 Partial Differential Equations Fall 2007.

Alexei Novikov. http://www.math.psu.edu/∼anovikov/math513/
Lectures: MWF 10:10 -11:00am 106 McAllister.
Office hours: M 5:30pm-6:30pm, T 12:00pm - 1:00pm, 233 MB.
Book:
Partial Differential Equations, L.C.Evans

Grading: Total score is 100 points: 35 points homeworks, 30 points first midterm, 35 points final.
Stapled homeworks are due every Wednesday in class. No late homeworks. Collaboration on homeworks is allowed. Solutions, however, should be written individually.
Midterm given Wednesday, October 31,

Topics: Part I of Evans book: Representative formulas for Solutions
Chapter 1 August 27-29.
Chapter 2 August 31-October 3
Chapter 3 October 5- November 9
Midterm will cover roughly up to 3.3 (Hamilton-Jacobi equations)
Chapter 4 November 12 -December 10.