February 23, 2007

REAL ANALYSIS SYLLABUS


Reference:
W. Rudin, Principles of Mathematical Analysis, 3rd ed.

Suggested additional reference (for the last three topics):
M. Spivak, Calculus on Manifolds


Primary Reference:
G. B. Folland, Real Analysis, Wiley, 2nd ed.
Chapters 1-3, 5, 6 (Sections 1, 2), 7 (Sections 1-3).

Suggested additional references:
C. Goffman and G. Pedrick, First Course in Functional Analysis, Chapters 1-4.