

MATH 413/513 (61991/62002)

Real Analysis III

Spring 2009

M, W, F, 11:30–12:20, Room NH 346

Instructor: Prof. Gerardo Lafferriere

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Office Hours: M, W, F 10:00–11:00 (or by arrangement)

Grading: will be based on 5 or 6 homework assignments (25%), two mid-term exams (40%), and a final exam (35%).

Textbook: *A Course in Real Analysis*, by J. McDonald & N. Weiss: Academic Press.

Syllabus: We will do most of Chapters 9 and 10 of the textbook and parts of 11. The theme is an introduction to functional analysis. Special topics selected from the text will be covered only if there is student interest.

Other: If you have a disability and are in need of academic accommodations, please notify the instructor immediately to arrange needed supports.