

Mat 602 Fundamentals of Analysis  
Spring 2010  
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Office hours: M 8:30-10, T 9-10:30, by appointment or drop by.

Lectures: MW 3:45-5:05, 316 Carnegie

Text: *Principles of Mathematical Analysis*, 3<sup>rd</sup> edition, by Walter Rudin.

Continuation of Mat 601. Chapters 6,7, 8 (selected topics), 9 and beyond.

Suggested problems:

Chapt.6: 1-13,15,18

Chapt.7: 1,2,3,5-10,14-16,18,20-22.

Chapt.8: 1-9,11-13,18,22.

Chapt.9: 3,5-9,14,15,16,17ab,19,23,26,27,28.

There will be a midterm on Chaps. 6,7; another midterm and a final exam.