

THE COURSE

Functional Analysis

Meets 1010 – 1100, in VinH 213, MWF.

INSTRUCTOR

Max Jodeit, Jr., Vincent Hall 258, 625-3855,
jodeit@math.umn.edu, <http://www.math.umn.edu/~jodeit>
Office Hours 10:30am – noon, MWF

TEXT

Functional Analysis, Second edition, by Walter Rudin.

MATERIAL COVERED

We'll continue with Rudin, beginning about 4.10, to cover the basics of compact operators. After that (the order to be determined as we go) Chapters 6, 7, 12 and 13 at least. Perhaps Chapters 10 and 11?

GRADING

This will be mostly Homeworks, with a few Further Problems and a Takehome Final, much as last semester. Your grade will be based on total points and and class participation.

SCHOLASTIC CONDUCT

Please read the (appropriate for you) notices in the IT Bulletin, the CLA Bulletin, and so on. You are encouraged to work with others in understanding what problems say, setting up solutions, and so on. If you get ideas from a reference or from someone else, GIVE CREDIT! You must submit as YOUR work only what YOU have written up yourself: DON'T COPY! Graders will be asked to bring answers that look alike to my attention.