Course Number: Math 7337 A

Course Name: Harmonic Analysis

Lecture Time: MWF 11:05-11:55 a.m.

Lecture Room: Skiles 243

Instructor: Dr. Christopher Heil
Office: Skiles 260
Office Phone: 404-894-9231
Email Address: heil@math.gatech.edu
Office Hours: MWF 1:00–2:00 and by appointment.

Course Web Page: http://www.math.gatech.edu/~heil

Prerequisite: Math 6327 (Real Analysis I)

Recommended Prerequisites: Math 6580 (Introduction to Hilbert Spaces)

Text: Y. Katznelson, An Introduction to Harmonic Analysis, 3rd Edition

Material: Chapter VI: Fourier Transforms on the Line (with additional notes)
Time-Frequency Analysis Notes

Academic Dishonesty. All students are expected to comply with the Georgia Tech Honor Code. Any evidence of cheating or other violations of the Georgia Tech Honor Code will be submitted directly to the Dean of Students. The institute honor code is available at http://www.deanofstudents.gatech.edu/integrity/

Grading. We will have 5 homework assignments due approximately every other week and worth 25 points each, and a (take-home) final exam, also worth 25 points.

Homeworks should be written on the front side of the page only, and must be stapled. Late homeworks will not be accepted.