

MATH 6213 (Harmonic Analysis; Fall 2016).

Topics to be covered include the basic theory of certain Banach spaces of harmonic and holomorphic functions in the disk and upper half plane and the basic theory of the Fourier transform on \mathbb{R} , perhaps including tempered distributions. Highlights: The F.&M. Riesz Theorem, the Paley-Wiener Theorem, perhaps Wiener's Tauberian Theorem.

Note regular attendance is required. If you can't make it some day please let me know in advance so we don't waste time waiting for you to arrive.

Exams will be as announced in class.