

Fourier Analysis
Math 5213
Summer 2015

Faculty: Prof. D. Alspach, Office: Mathematical Sciences 529, 405-744-5784, alspach@math.okstate.edu.

Office Hours: 12:30–1:20 M-Th other times by appointment.

Text: *Fourier and Wavelet Analysis* by G. Bachman, L. Narici and E. Beckenstein. We will cover most of the chapters 4-7 of the book and some material from the first three chapters.

Examinations: There will be two seventy-five minute exams, July 2 and July 30.

Homework: Homework will be collected weekly on Thursday except when there is an exam. Homework should contain details and in many cases justifications. I may not grade every problem. The first assignment is 4.1: 4, 5 a, b, 6 b, 7, 8, 15; 4.2: 2, 4; due Thursday June 11.

Grading:

	Points	Grade	Points Needed
Exams (2)	300	A	432-480
Homework (6)	180	B	384-431
		C	336-383
Total points	600		

Above are the specifics for this class. There are general guidelines for all classes which cover academic misconduct, students with disabilities, and so forth. See the University Syllabus Attachment

<http://academicaffairs.okstate.edu/images/Patty/ResourcesForFacultyStaff/Syllabus/summerfor> additional rules and information.