

MATH 4200/6200: TOPOLOGY
MWF 11:15-12:05, 303 BOYD

Instructor: Prof. Mike Usher

Required Textbook: *Topology*, 2nd ed., by James M. Munkres. ISBN 0131816292.

Office hours: Wednesday 3-4 and Thursday 12-1, 321C Boyd. (or by appointment; my email is usher@math.uga.edu)

Grading: The grade will be based 40% on weekly homeworks, due Fridays in class beginning August 29, 25% on the one midterm, and 35% on the final.

You are encouraged to cooperate on the homework assignments, and also to ask me questions about them, but it is imperative that the solutions that you hand in be written up independently and represent your own understanding of how to solve the problems.

Topics: This is a course in point-set topology, which represents a significant part of the conceptual basis for several areas of modern mathematics, including analysis and geometry. Chapters 1-4 of Munkres will certainly be covered in detail, after which, depending on time constraints and student interest, we'll cover parts of Chapters 7-9.