

MATH 54 : TOPOLOGY I

Dartmouth College
Summer 2007

Textbook:

TOPOLOGICAL SPACES: From Distance to Neighborhood

Gerard Buskes and Arnoud van Rooij, Springer-Verlag (1997). ISBN: 0-387-94994-1

The (tentative) plan is to cover Chapters 1 – 15. We can then cover remaining material or other subjects as time and class interest permit. The textbook can be purchased at *Wheelock Books*, on 2 West Wheelock Street (see www.wheelockbooks.com.)

Lectures:

2 Hour MWF: 1:45 – 2:50 pm (x-hour Th: 1:00 – 1:50 pm) 105 Kemeny Hall

X-hour lectures will be used as needed to keep up with the material and for review purposes.

Instructor:

Professor John D. (Jody) Trout

Office: 302 Kemeny Hall

Phone: 646 – 2958 or BlitzMail (preferred)

Office Hours: Mon./Wed. 4:00 - 5:00 pm & Thurs. 1:00 - 3:00 pm or by appointment

Blackboard:

We will make use of the Blackboard computer system in this course. Homework and course materials will be distributed primarily through the Math 54 webpage on Blackboard. **The course Blackboard page will be available by Monday, June 25th.** If you have problems logging on to the Blackboard system, please contact blackboard.support@dartmouth.edu.

Homework:

Written homework will be assigned weekly, usually on Monday and due on Friday at the end of class. Moreover, neatness counts; if the professor can't read your work, you get no credit. Collaboration on homework is permitted, but results must be written up independently and assistance must be recognized. And, of course, there is the Academic Honor Principle.

Grades:

Your course grade will be based upon the homework, midterm, and final exam scores:

Homework	30%
Midterm Exam	35%
Final Exam	35%
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Total	100%

Prerequisites:

Mathematics 13 and 22. You also should be comfortable with understanding and producing mathematical proofs.

Disabilities:

Students with disabilities who will be taking this course and may need disability-related classroom accommodations are encouraged to make an appointment to see their instructor as soon as possible. Also, they should stop by the Academic Skills Center in Collis Center to register for support services.