

(Preliminary) Syllabus for *Topology 1995*

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Whoa! As of 1997: The information on this syllabus is no longer correct.

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Overview. Hi. I'd like to run this course with the "Moore method" (so-called Texas style) and thus we have no textbook. I will pass out a series of notes with definitions and theorems that you are, as the semester progresses, to work out proofs for.

Towards the end of this semester, we as a class will decide our emphasis for the second semester. Reasonable possibilities are: Some algebraic topology, The Borel hierarchy, Introduction to Topological Dynamics, Special topological properties of 2 and 3 dimensional space.

Some Requirements. With a few weeks, I will arrange that all of you have a computer account on the math dept. system. You will need to learn *how to read* and *how to send* email. Homework and special assignments will be primarily distributed by email. Manuals on using email are in the lab.

Most of the time you will present your arguments to your fellow students on the blackboard. Occasionally I will assign a special homework problem which you are to type up in *TeX* (preferably *AMSTeX*, but the choice is yours).

General comments. Make arrangements with several classmates so that –in the unfortunate event that you miss a class– you are able to get complete notes, changes in exams dates, and so on. This is especially important since we will occasionally do material which is not in the text.

On Monday, I will hand out a sheet with the dates of the exams and my evaluation policy. I will also hand out a reference list of useful texts.

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