AMAT 540A: TOPOLOGY I
SYLLABUS - FALL 2021

Instructor: Prof. Matt Zaremsky
Course meets: MW 11:40–1:00pm in ES-153
Course Website: [http://www.albany.edu/~mz498674/teaching.html](http://www.albany.edu/~mz498674/teaching.html)

Office: ES-136A
Email: mzaremsky at albany dot edu
Office hours: W 9:40–10:35am and F 11:40–2:00pm, in my office.

1. Textbook
   None officially required. I'll generally work out of Munkres' "Topology" (second edition), so that could be good to have.

2. Course description
   Introduction to graduate-level topology. Topics include topological spaces and continuous maps, metric spaces, compactness, connectedness, separation and countability axioms, fundamental groups, and covering space theory.

3. Prerequisites
   Permission of the instructor (you only need to ask me if the system doesn't let you register though).

4. Homework/Grading
   There will be weekly homework assignments. No late work accepted. There will also be a midterm/final.

5. Policies
   See university policies [here](#) (medical excuse policy), and [here](#) (academic integrity).