AMAT 840: TOPICS IN TOPOLOGY
SYLLABUS - SPRING 2020

Instructor: Prof. Matt Zaremsky
Course meets: MWF 10:25-11:20am in ES-153
Course Website: [http://www.albany.edu/~mz498674/teaching.html](http://www.albany.edu/~mz498674/teaching.html)

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Office hours: MWF 9:45-10:25am and MWF 12:25-12:45pm, in my office.

1. TEXTBOOK

   None officially required. I'll work out of various freely available sources.

2. COURSE DESCRIPTION

   The topic will generally be discrete Morse theory and finiteness properties of groups.

3. PREREQUISITES

   It would help to have had graduate-level topology and group theory.

4. HOMEWORK/GRADING

   There will likely be homework, details TBD.

5. POLICIES

   See university policies [here](http://www.albany.edu/~mz498674/teaching.html) (medical excuse policy), [here](http://www.albany.edu/~mz498674/teaching.html) (academic integrity), and the following (absence due to religious observance):

   "Instructors must explicitly refer to New York State Education Law (Section 224-A) whereby campuses are required to excuse, without penalty, individual students absent because of religious beliefs, and to provide equivalent opportunities for make-up examinations, study, or work requirements missed because of such absences. Faculty should work directly with students to accommodate religious observances. Students should notify the instructor of record in a timely manner."