

**COURSE SYLLABUS**  
**MATH 142: ELEMENTARY ALGEBRAIC TOPOLOGY**  
**SPRING 2018**

CLASS INFORMATION

**Class Time:** Tues/Thurs 2:00 pm - 3:30 pm

**Class Location:** 740 Evans

**Instructor:** Jamie Conway

**Office:** 933 Evans

**E-Mail:** conway@berkeley.edu

**Office Hours:** Tuesday 1:00 pm – 1:55 pm, Wednesday 1:15 pm – 2:00 pm,  
Thursday 11:00 am – 12 pm

**Instructor Website:** <http://math.berkeley.edu/~conway>

**bCourses Website:** <https://bcourses.berkeley.edu/courses/1468556>

The text we will be using is *Basic Topology* by M. A. Armstrong, along with perhaps additional readings. Another useful textbook is *Topology (2<sup>nd</sup> edition)* by J. Munkres.

COURSE REQUIREMENTS AND GRADING

**Homework, Assignments, Exams:** We will have two in-class midterms and a final exam. Homework is assigned weekly. These will be posted on the course webpage by midnight on Tuesday and will be due by the end of the day the following Tuesday. Any digital submissions must be typed (no scans of handwritten work).

Late homework will *not be accepted under any circumstances*. In case of extended illness, you must contact me as soon as possible.

You are encouraged to discuss homework together, but you must write up your own solutions. Plagiarism and copying (from classmates, notes, the internet etc.) are not tolerated. No books, notes, or any electronic devices (including but not limited to calculators and phones) are allowed during the tests.

**Final Exam:** The final will cover all course material and is scheduled for Monday, May 7, 11:30 am - 2:30 pm.

**Important Dates:** These dates are tentative and are subject to change.

- *Deadline to drop this class:* February 16
- *Midterm 1:* February 22
- *Midterm 2:* April 12
- *Final Exam:* May 7, 11:30 am - 2:30 pm

**Grading Scheme:** Your final grade will be computed as follows.

- Homework (drop lowest): 20%
- Midterm 1: 20%
- Midterm 2: 20%
- Final Exam: 40%

Other grading options may be introduced at my discretion. Final grades will be assigned based on the following scale:

- **A**  $\geq$  90%
- $80\% \leq$  **B**  $\leq$  89%
- $70\% \leq$  **C**  $\leq$  79%
- $60\% \leq$  **D**  $\leq$  69%
- **F**  $\leq$  59%

#### CLASS POLICIES

**Honour Code:** All students are expected to act honourably and not cheat. Any evidence of cheating or other violations will be submitted directly to the appropriate authority. Cheating includes, but is not limited to: using an unapproved calculator, books, or any form of notes on tests or quizzes; copying directly from any source, including friends, classmates, tutors, or a solutions manual; allowing another person to copy your work; taking a test or quiz in someone else's name, or having someone else take a test or quiz in your name; or asking for a regrade of a paper that has been altered from its original form.

**Attendance:** You are expected to come prepared and actively participate in every lecture and recitation. In the event of an absence, you are responsible for all missed material, assignments, and any announcements made in class. Class disruptions of any kind will not be tolerated and may result in your removal from the classroom and/or loss of participation points. Please respect all your classmates and instructor by coming to class on time, staying for the entire class period, refrain from talking with classmates, and turning off all laptops, phones, music devices, and all other electronic devices (unless I have given you permission to use a device for note-taking).

**Regrading:** If an error in grading has been made, you must submit a regrade request to me, along with the item in question, within one week of the date it was returned in class. You may not change or add to your work. Check your answers with the posted solutions before submitting a regrade request.

**Make-Ups:** In extreme situations, I will allow a make-up for the midterm, provided that I am notified in advance and provided with a reasonable, written explanation of your absence. The make-up must be completed before the midterm has been graded and returned to the students. If you will miss the midterm due to a university sponsored event or athletics, you must provide me with the official documentation in advance.

**Students with Disabilities and/or in need of Special Accommodations:** UC Berkeley complies with the regulations of the Americans with Disabilities Act of 1990 and offers accommodations to students with disabilities. If you are in need of classroom or testing accommodations, please make an appointment with the DSP office to discuss the appropriate procedures. More information is available on their website: <http://dsp.berkeley.edu>. Please also make an appointment with me to discuss your accommodation, if necessary, no later than one week into the semester.

**Announcements:** I will frequently update the class pages on my website with class information and new materials. You are responsible for making sure you are up to date with all this.

**Additional Help:** You are encouraged to work together with other students in the class, and make use of my office hours.

#### FINAL CAVEAT

Note that items on the syllabus are subject to change. Any changes will be relayed to the students in class and through e-mail.