Math 6323: Geometric Topology, TTh 9:00-10:15, in MSCS 428

Professor: Henry Segerman
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Textbook: *Algebraic Topology*, by Allen Hatcher.

We will cover (some subset of) chapters 2 and 3 of Hatcher's book. We may also use *Elements of Algebraic Topology* by James R. Munkres (some subset of chapters 1–8). Munkres goes into all of the fiddly details, Hatcher gives more of the big picture, so it may be useful to have access to both. Hatcher's book is available to download online for free at http://www.math.cornell.edu/~hatcher.

Grading: Earning 90% guarantees an A for the semester, 80% a B, 70% a C, and 60% a D. I reserve the right to lower cutoffs based on my judgment of your understanding of the material. There will be two in-class midterms during the semester, each counting towards 20% of your grade. The final exam will count 30%. Homework will count for the remaining 30%.

Coursework: The two in-class midterms are tentatively scheduled for **Thursday 16th February** and **Thursday 6th April**. The final exam will be on **Monday 18h May**, 2:00pm–3:50pm. Exams are closed book, closed notes. While you may (and should!) discuss general ideas with others in the class, it is expected that your homework is entirely your own work. Homework is due at 5pm on the due date. Late homework will not be accepted. Please staple your homework.

Syllabus Attachment:
http://academicaffairs.okstate.edu/content/resources-faculty-staff.