

Math 444/539: Geometric Topology, Fall 2015

Instructor: Prof. Andrew Putman

Office: HBH 418

Email: andyp@rice.edu

Webpage: <http://www.math.rice.edu/~andyp/teaching/2015FallMath444/>

Class Hours: TTh 10:50-12:05

Classroom: HBH 453

Office Hours: MW 11:00-12:00, also by appointment

Suggested Texts:

1. *Topology from the Differential Viewpoint* by Milnor
2. *Algebraic Topology* by Hatcher, available for free at
<http://www.math.cornell.edu/~hatcher/AT/ATpage.html>

Prerequisites: Math 356 (Abstract Algebra I) and Math 443 (General Topology) or permission of instructor.

Homework: Homework will be assigned every Thursday and will be due the following Thursday in class. It will be posted to the course webpage by Thursday evening. Collaboration is encouraged, but each student must independently write up his/her own solutions. Late homework is never accepted, but the lowest homework grade is dropped.

Remark on Homework Grading: The homework will be graded both for correctness and for proper mathematical style.

Exams: There will be one midterm exam and one final exam. The date of the midterm will be announced the second week of classes.

Grading:

50% Homework

20% Midterm

30% Final

Disability support: Any student with a documented disability seeking academic adjustments or accommodations is requested to speak with me during the first two weeks of class. All such discussions will remain as confidential as possible. Students with disabilities will need to also contact Disability Support Services in the Allen Center.