Math 121b  
Algebraic Topology II  
Spring 2007

Instructor: Prof. Ivan Horozov  
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Office: Goldsmith 205  
Phone: 6-3056  
Class schedule: Mon, Wed 3.30p.m. – 5.00p.m.  
Office hours: Mon, Wed 2.30p.m. – 3.30p.m.  

Syllabus  
Chapter 2  
2.3 Topics in Homology  
Chapter 3  
3.1 Cohomology Groups, Universal Coefficient Theorem  
3.2 Cup Product  
3.3 Poincaré Duality

Class e-mail list: The class e-mail list will be used for communication with the entire class. If you have multiple e-mail addresses, please make sure that I have the one that you consistently check.

Exams and homework:  
Homework will be assigned and collected every other week, graded and returned to you regularly. Reminder for the assignments will be send via class e-mail list. Take-home final exam will be at the end of the course.

Grading formula:  
Your grade will be based on the homework and the take-home final exam. The take-home final exam will be considered as another homework.

Students with disabilities: If you are student with a documented disability on record at Brandeis University and wish to have a reasonable accommodation made for you in 121b, please see me as soon as possible.