

# Syllabus for Math 232B: Algebraic Topology

Winter 2008

**Instructor:** Jon McCammond

**Office hours:** TTh 10:00-11:20 in South Hall 6711 or by appointment

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**Course Home Page:**

<http://www.math.ucsb.edu/~jon.mccammond/courses/winter08/232B/>

**Text:** *Algebraic Topology* by Allen Hatcher Cambridge University Press (Required).

**Course description:** (4 units) Math 232B is the second quarter of the year-long algebraic topology sequence. It is an introduction to cohomology.

**Grading:** The plan is to cover Chapter 3 of Hatcher, including as many of the appendices as time allows. Homework assignments will be given. Your grade will be determined by attendance, participation, homework scores (including, possibly, some quizzes), and a final exam. The final will most likely be take-home. The weights of each of these are as follows.

Homework/Etc.	Participation	Final
34%	33%	33%

**Make-ups:** Make-ups for exams and quizzes will only be given with documented University-approved excuses (see University Regulations).

**ADA:** Students with disabilities can get assistance from the Office of Services for Students with Disabilities (845-1637). I'm happy to work with them and you.

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