

## MATH 869, GEOMETRY AND TOPOLOGY II – SPRING 2015

**Instructor:** Teena Gerhardt

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**Grader:** Christine Lee

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**Textbook:** Hatcher, *Algebraic Topology*

Available here: <http://www.math.cornell.edu/~hatcher/AT/ATpage.html>

We will cover chapters 0, 1, 2, and some of chapter 3.

**Homework:** Assignments will be announced in class and posted on the Desire2Learn course page. You are encouraged to talk with your classmates about the assignments, but each student must submit his or her own solutions. Assignments will be due most weeks, usually on Friday at the beginning of class.

**Take Home Midterm:** There will be one take home midterm exam. You will have about a week to work on the exam. The tentative exam due date is **Friday, March 6th**

**Final Exam:** There will be a comprehensive final exam at the end of the semester. The final exam is scheduled for **Thursday, May 7th, 10:00am -noon.**

### Grading Components:

Homework	50%
Take Home Exam	20%
Final Exam	30 %