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Math 4432 Information



Professor: John Etnyre

Office: Skiles 163 Phone: 404.385.6760 Fax: 404.894.4409

e-mail: etnyre "at" math.gatech.edu

Office Hours: To be announced.

Lectures: Thuesday-Thursday 9:35 - 10:55 in Skiles 240

Textbook

There is no required text for this course. I will try to make the lectures fairly self-contained. However, there are many good textbooks on topology and algebraic topology. If you would like a text that will cover many of the things in this course I recommend:

• Topology: a geometric approach by Terry Lawson.

Grading Policy

The course grade will be based on the following.

Homework: 50% Midterm: 20% Final Exam: 30%

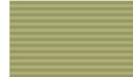
Homework Policy

Every week or two I will assign a set of homework problems. You should check the homework web page regularly, since I will not always announce when I post an assignment. You will have between one and two week to work on the problems (the exact due date will be on the problem set).

Exams

Final Exam is **tentatively** scheduled for Wednesday, May 3 from 8:00 till 10:50.

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SYLLABUS

Introduction to Algebraic Topology (Math 4432) Spring 2010, Georgia Tech

Lecture
T Th 1:35-2:55 Skiles 256

Instructor

Professor Mohammad Ghomi

• Office: 203 Skiles

Office hours: T Th 11-12:30 Email: ghomi@math.gatech.edu

• Course Web Page: www.math.gatech.edu /~ghomi/Math4432

Course Description

This class is an introduction to the study of the topology of manifolds. Topics covered include calssification of surfaces, fundamental group and covering spaces, CW-complexes and homology.

Prerequisites

Some basic familiarity with topological spaces (e.g., Math 4317 or Math 4431).

Textbooks

Topology: A Geometric Approach by Terry Lawson.

Grading

The grade is based on class participation (the students are expected to attend all lectures), and homework assignments.