SYLLABUS

Introduction to Geometry & Topology II (Math 6458)
Spring 2013, Georgia Tech

Lecture
T Th 3:05-4:25 Skiles 256

Instructor

Professor Mohammad Ghomi

- *Office:* 203 Skiles
- *Office hours:* T Th 1:30-2:30
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Course Description

This class will be a continuation of Math 6457. Main topics covered include differential forms, Stokes Theorem, de Rham cohomology, and singular homology.

Prerequisites

Math 6457, or some basic knowledge of differential manifolds.

Textbooks

Instructor's notes in addition to excerpts and references to *A Comprehensive Introduction to Differential Geometry, Vol. I,* by M. Spivak, *Algebraic Topology* by Allen Hatcher, and *Notes on Differential Geometry* by Noel J. Hicks.

Grading

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