



The Graduate Center of CUNY
Ph.D. Program in
Mathematics Course Syllabus
Spring 2017

Course Title: Differential Geometry I

Course #: 71000

Time and Location: M W; 10:00-11:30

Instructor Name: Luis Fernandez

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Pre-Requisites: First part of the course Differential Geometry I that was taught in the Fall

Office Hours: W; 9-10

Description:

This is the second half of the Differential Geometry course for the qualifying exam. This part of the course will focus on Riemannian Geometry, covering the topics written in the qualifying exam syllabus (https://www.gc.cuny.edu/CUNY_GC/media/CUNY-Graduate-Center/PDF/Mathematics/Geometry-Syllabus.pdf?ext=.pdf), plus an introduction to harmonic maps at the end.