Math 277
Fall 2010
MWF 2-3, Evans 81

Instructor : John Lott
Office : Evans 897
email : lott@math.berkeley.edu
Phone : 510-642-1299
Office hours : WF3-4 or by appointment

Text : “Topics in Optimal Transport” by Villani, AMS

Recommended Text : “Optimal Transport : Old and New” by Villani, Springer. This latter text can be downloaded from Villani’s website.

Material to be covered : We will go through the theory of optimal transport on Euclidean space and Riemannian manifolds, as presented in Villani’s book. We will then discuss optimal transport on length spaces, along with the relationship between optimal transport and Gromov-Hausdorff limits.

Prerequisite : Math 240 or equivalent

Homework
Occasional homework assignments will be given.

Disabilities
If you need accommodations for any physical, psychological, or learning disability, please contact me.