Math 240, Riemannian Geometry
Fall 2021

During the reading week, each student will give a 30 minute talk on a topic, of their choice, related to the class material. The purpose of the talk is to explain something to your classmates, not to impress me. The talk will be judged on

a. How accessible it seems to the audience.
b. Quality of the presentation.
c. Content.

Possible formats are

1. State a theorem, give an example and give a sketch of the theorem's proof.
2. Explain a concept and give some nontrivial examples.

The talk is not meant to be a survey talk.

The 30-minute time limit will be strictly enforced. You don't want to spend 30 minutes without getting to the main point. Also, you have to allow for possible questions from the audience. I suggest preparing a 20-minute talk. If your talk goes undertime, it's not a problem. You may want to try out your talk on a friend.

The talk should be related to the class material. It can be on a topic that came up in your other classes or a topic of interest to you. One source of topics is the book Riemannian Geometry by Peter Petersen.

Please send me your proposed topic by Monday, November 8, along with any references that you have in mind. I can probably suggest references, if needed.

The talk will count for 20% of your class grade. You will get an additional 10% by attending at least two talks by your classmates.