Math 502 Spring 2017, 3 credits
MWF 10:00 – 10:50, Carver 098

Instructor: Justin Peters
Office: 446 Carver
Tel 294 – 7545
Office hours: MWF 11 – 12, and by appointment

Text: Title: A Taste of Topology
        Author: Volker Runde
        Publisher: Springer, Universitext, 2005

Exams: There will be one midterm and a final exam.

Homework: Homework will be assigned each week, and collected on Wednesdays. The last homework will be collected the last week of classes (deadweek).

Grading: The midterm will count as 10% of the grade, the final exam as 25%, and the remainder will be homework and class participation. Class participation will include preparing a homework template to be posted on Blackboard.

Goals of the course: The first part of the course will concentrate on the fundamental ideas of topology, focusing on the relation of topology to analysis.

The rate at which the material is covered will depend on how quickly the class progresses. Thus we cannot say in advance which material will be covered on a day to day basis.

I plan to cover chapters 2, 3 and 4 of the text. Chapter 1 covers introductory notions such as set notation and cardinality. You may refer to it as the need arises. Time permitting, will cover part of chapter 5 on algebraic topology. The material covered should serve the "working analyst" well.

Disability: If you have a disability and require accommodations, please contact me early in the semester so that your learning needs may be appropriately met. You will need to provide documentation of your disability to the Disability Resources (DR) office, located on the main floor of the Student Services Building, Room 1076.