Math 4/532: Introduction to Topology II
Winter 2019, MWF 9:00 - 9:50, 117 Fenton Hall
Professor Victor Ostrik

Contact Information

Office: 10B Deady Hall
Email: vostrik@uoregon.edu
Office Hours: Mondays, Thursdays 1:00 - 1:50, or by appointment.

Class webpage: http://pages.uoregon.edu/vostrik/math432winter19/index432.html

Text: Guillemin and Pollack, *Differential Topology*. We will cover first two chapters.

Exams: There will be one mid-term examination, tentatively on Friday, February 16. The final examination will be held on Friday, March 22, at 10:15-12:15. You will be allowed to bring one two-sided page of notes with you to the exams.

Homework: Homework assignments will be distributed each Friday and due the following Friday at the beginning of class. You will have a chance to look through the problems and work on them together when you first receive the assignments. Collaboration on homework assignments is allowed and encouraged, provided that you write up your answers independently. There will also be an assignment due on Friday of the first week of classes!

Students in Math 532 will sometimes have more homework problems than students in Math 432; such problems will be marked with the symbol (G). In addition, students in Math 532 will be required to typeset their homework solutions using LaTeX.

Grading: Your score in the class will be determined by your exams (20% final, 40% final) and homework (40%). If your final exam score is better than your mid-term exam score, the mid-term score will be dropped and your final will count for 60% of your grade.

Learning Outcomes: As with most advanced math classes, the most important skills that you will develop in this class will be related to communication (reading, writing, listening, and speaking) about quantitative subjects. These skills will be valuable in any of your future endeavors, academic or otherwise. More specifically to this class, you will learn the basic definitions of differential topology, with a dual emphasis on proving foundational theorems and analyzing specific examples.