Contact Information
Office: 322 Fenton Hall
Email: njp@uoregon.edu
Office Hours: Wednesdays & Fridays 1:30 - 2:30 or by appointment.

Text: Guillemin & Pollack, *Differential Topology*. Our goal will be to cover the first two chapters.

Prerequisites: In order to succeed in this class, you need a solid understanding of multivariable calculus and basic linear algebra. If you can do the first homework assignment, then you know enough to take the class.

Exams: There will be one mid-term examination; the date will be announced at least one week in advance. It will probably happen around the end of Chapter 1. The final examination will be held on Tuesday, December 6th, at 10:15. You will be allowed to bring one two-sided page of handwritten notes with you to both exams.

Homework: Homework assignments will be due on Mondays at the beginning of class. The first homework assignment, which is due on October 3rd, is as follows:

**Section 1.1:** 2, 3, 5, 12, 15, 17
**Section 1.2:** 2, 3, 4, 7, 8.
(Note: An asterisk in the book means that the problem is *important*, not difficult.)

Collaboration on homework assignments is allowed and encouraged, provided that you write up your answers independently. Thus, it is okay for Kermit to explain to Fozzie how to do a problem (this is often useful for Kermit as well as for Fozzie, because it helps him to clarify his thoughts), but it is not okay for Fozzie to copy Kermit’s paper, or for Kermit to read his solution to Fozzie word for word.

Students enrolled in Math 531 will be required to type their homework solutions using LaTeX (or a similar text editor). Students enrolled in Math 431 are encouraged to type their homework solutions.

Late assignments will not be accepted without previous permission.

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