

Mathematics 566

Spring 2009

Instructor: John Palmieri, Padelford C-538, 543-1785, palmieri@math.washington.edu

Class time and place: MWF 2:30 (missing occasional Fridays), Padelford C-401

Office hours: drop in and by appointment

Web page: <http://www.math.washington.edu/~palmieri/Math566/> or
<http://faculty.washington.edu/jpalmier/Math566/>

Text book: *Algebraic Topology* by Allen Hatcher, with strong influences from *Elements of Algebraic Topology* by James R. Munkres, and perhaps other sources. Hatcher's book is available for free download from his web page, <http://www.math.cornell.edu/~hatcher/AT/ATpage.html>. The book store (and Amazon, etc.) should have bound copies for sale, too. Whether you have a bound or downloaded copy, check Hatcher's web page for a list of corrections.

Homework. There will be occasional problem sets. Feel free to work with other people on the homework. If you find a solution in a book, please provide a reference.

Grading: To get a 4.0, attend class regularly and make a reasonable attempt on half of the homework problems. To get a grade in the range 3.6–3.9, do less than that. If you never show up and do very little homework, I might have to give you a lower grade than that.

Plan for the course. We are going to discuss homotopy theory, Chapter 4 of Hatcher.