Syllabus for Math 221A: Foundations of Topology

Fall 2004

Instructor: Jon McCammond
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Text: *Introduction to Metric and Topological Spaces*, by W. A. Sutherland, published by Oxford Science Publications.

Course description: (4 units) We will cover all of Sutherland, plus a few additional topics. This covers metric spaces, topological spaces, continuity, Hausdorff condition, compactness, connectedness, product spaces, quotient spaces. Other topics as time allows.

Grading: The plan is to cover all of, or at least as much of, Sutherland's text as possible in one quarter. Extensive homework assignments will be given. These will be the basis for essentially one-third of your final grade. The other two-thirds will be determined by a midterm and a final exam. The weights of each of these are as follows.

Homework	Midterm	Final	Participation
30%	30%	30%	10%

Make-ups: Make-ups for exams and quizzes will only be given with documented University-approved excuses (see University Regulations).

ADA: Students with disabilities can get assistance from the Office of Services for Students with Disabilities (845-1637). I'm happy to work with them and you.