MTG 5326 - TOPOLOGY I - SYLLABUS - Fall 2004

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Classes:  Tu/Th  11:00 - 12:15
Office hours:  Mondays: 11:00 - 12:00, tuesdays: 2:20 - 3:10 or by appointment.


COURSE CONTENT:  Chapters 1-8 of the text.

COURSE OBJECTIVES: The goal of the course is to introduce and develop the basic concepts of topology: topological spaces, continuous functions, connectedness, compactness, separation axioms, metric spaces, function spaces and a little bit of manifolds. The focus will be on a deeper understanding of the concepts and their interplay as well as carefully presented arguments.

GRADES:  There will be 3 regular in term exams. The final exam will be on the last day of classes, 12/02 during normal class hours. Each counts for 100 points. There will be weekly homework which will be collected and a random selection of problems in each homework assignment will be graded. The final numerical average is obtained by \((E_1 + E_2 + E_3 + F + 2H)/6\). The final letter grade will be determined by the numerical grade by a scale which will not be tougher than the following: A: 90-100,  B: 80-89,  C: 70-79,  D: 60-69,  F: 0-59. Plus/minus letter grades will be assigned to high/low numerical grades. A grade of I (incomplete) will not be given to avoid a grade of F or to give additional study time. Failure to process a course drop will result in a course grade of F.

EXAM POLICY:  No make up exams will be given. A missed exam will have its grade replaced by the final exam score.

SCHEDULE:  Test 1:  Thursday, 9/16
Test 2:  Thursday, 10/14
Test 3:  Tuesday, 11/9
Test 4/Final:  In class - Thursday, 12/2.