MATH 216: Discrete Mathematics and Problem Solving
Textbook: Discrete Mathematics and Its Applications, Rosen
Instructor: George Voutsadakis
Office: CAS 206J
Phone: 635-2667
Email: gvoutsad@lssu.edu
URL: `http://pigozzi.lssu.edu/WWW/TEACH/LSSU/S04/LSSU216S04/LSSU216S04.html`
Office hours: MF 2:00-2:50, TR 2:00-3:20

From the Catalog: Selected topics from discrete mathematics including fundamental counting principles, recurrence relations and an introduction to graph theory. A strong emphasis is placed on fundamental problem solving techniques.

Prerequisites: Math 215 with a grade of C or better.

Course Objectives:

The main objective of this course is to equip students with the most useful basic techniques of counting including permutations, combinations, recurrence relations, generating functions and the inclusion-exclusion principle. In addition students will be introduced to graphs and acquaint themselves with some well-known graph algorithms.

SYLLABUS FOR FALL 2003: TR 3:30 - 4:50

Week	Date	Tuesday	Thursday
1	1/12	4.1	4.2
2	1/19	4.3	4.4
3	1/25	4.5	5.1
4	2/2	5.2	5.3
5	2/9	Review	EXAM 1
6	2/16	6.1	6.2
7	2/23	6.3	6.4
8	3/1	BREAK	BREAK
9	3/8	6.5	6.6
10	3/15	Review	EXAM 2
11	3/22	8.1	8.2
12	3/29	8.3	8.4
13	4/5	8.5	8.6
14	4/12	8.7	8.8
15	4/19	Review	EXAM 3

Final Exam: Week of April 26-30. Please Check!