Tentative Schedule
CMSC 452 Fall 2001

Class Number	Date	
1	8/30	**Chapter 1**
2	9/4	Mathematical Concepts and Languages
		Chapter 2
3	9/6	Deterministic & Nondeterministic Finite Automata
4	9/11	Properties of Finite Automata Languages
5	9/13	Languages of Regular Expressions=Finite Automata Languages, Pumping Theorem
6	9/18	State Minimization, FA Algorithms
		Chapter 3
7	9/20	Grammars, CFG's, Reg G's = FA
8	9/25	Parse Trees and PDA's
9	9/27	CFG's and PDA's
10	10/2	CFG's = PDA's
11	10/4	**Review for Exam**
12	10/9	**In Class Exam #1**
13	10/11	Closure in CFL's, CFL Pumping Theorem
14	10/16	More CFL pumping and closure
15	10/18	CFL Algorithms
16	10/23	Deterministic CFL's
17	10/25	Top Down and Bottom Up Parsing
		Chapter 4
18	10/30	Turing Machines and TM Configurations
19	11/1	TM Computation, Extensions to TM's
20	11/6	Nondeterministic TM's, Grammars, Numerical Functions
21	11/8	**Review for Exam**
22	11/13	**In Class Exam #2**
		Chapter 5
23	11/15	Universal TM's, TM Halting Problem
24	11/20	Unsolvable Problems
25	11/27	Post Correspondence Problem
26	11/29	CFG Ambiguity and Tiling Problem
27	12/4	Rice's Theorem
28	12/6	More on Unsolvability
29	12/11	**Review Course**

FINAL EXAM date and time: 10:30 - 12:30 Monday 12/17/01

8/23/01 version