

## SYLLABUS

The following schedule subject to change. I will be traveling some this semester and will have some guest lecturers on some of the indicated dates. Details will be announced as they are determined.

Date	Event
	<b>Part I -- Recursion</b>
1/13	Introduction to the Course, Logo and Recursion
1/15	Recursion
1/20	Recursion
1/22	Recursion
1/27	Proof by the Principle of Recursion
1/29	Proof by the Principle of Recursion
2/03	Proof by the Principle of Recursion
2/05	Proof by the Principle of Recursion
2/10	Induction
2/12	Numbers and Peano's Postulates (HW # 2 Due)
2/17	Numbers and Peano's Postulates (HW # 2 Due)
2/19	Backus-Naur Form and Context Free Languages
2/24	Impossible Problems (HW # 3 Due)
2/26	<b>PRELIM 1</b>
3/02	<b>SPRING BREAK</b>
3/04	<b>SPRING BREAK</b>
3/09	<b>SPRING BREAK</b>
3/11	<b>SPRING BREAK</b>
3/16	Review of Prelim 1
	<b>Part II -- Logic</b>
3/18	Propositional Logic (HW #4 Due)
3/23	Propositional Logic
3/25	Computer Circuits
3/30	Homework Review
4/01	Arguments, Satisfiability and Truth Trees
4/06	Predicate Logic & Prolog (HW #5 Due)
4/08	Predicate Logic & Prolog
4/13	Homework Review
4/15	<b>PRELIM 2</b>
4/20	Review of Prelim 2
4/22	Predicate Truth Trees (HW #6 Due)
	<b>Part III - Set Theory</b>
4/27	Infinite Sets

The due dates for the homeworks are tentative and liable to change. The number of homeworks is also tentative. There will be a final in this course. The time will be selected by the Registrar and announced in class.