

**MAT 260 Fall 2004 Dr. Yackel's Section
Tentative Schedule**

Date	Day	Plan	Reading	What's Due
Aug. 18	W	Mastermind		
		Ideas about Learning Proofs		
Aug. 20	F	Set	Chapters 1 & 2	
		Discussion of Chapters 1 & 2		
		Intuition and Proofs		
Aug. 23	M	Discussion of Set		Theorem Statements on Minesweeper
		Proofs of Minesweeper Theorems		
Aug. 24	T	Last Day of Drop/Add		
Aug. 25	W	More Minesweeper Theorems		3 Mastermind Games with Written Explanations
		Discussion of Mastermind		
		Writing Logic		
Aug. 27	F	Discussion of Chapters 3& 4	Chapter 3 & 4	
		Zero and One		
		Learning Cleverness		
Aug. 30	M	Discussion of Chapters 5& 6	Chapter 5 & 6	Zero and One Proofs
		Sets, Functions and Sets		
		Element Arguments		
Sept. 1	W	Discussion of Chapters 7	Chapters 7	
		DeMorgan's Laws/Venn Diagrams		
Sept. 3	F	Power Sets		Set and DeMorgan Proofs
		Extending Old Proofs		
		Handout Take Home 1		
Sept. 6	M	Labor Day—No Class		
Sept. 8	W	Discuss Chapters 8 & 9	Chapters 8 & 9	
Sept. 10	F	Exam 1		
Sept. 13	M	Cardinality		Take Home 1
Sept. 15	W	Uncountable/Cantor Set		
Sept. 17	F	Discuss Reading	belcastro-Greene	
Sept. 20	M	Discuss Chapter 10	Chapter 10	Cardinality Proofs
		Equivalence Relations		
Sept. 22	W	Discuss Chapter 11	Chapter 11	Colloquial explanation of ternary representation of Cantor set
		Equivalence Relations		
Sept. 24	F	Discuss Chapter 12	Chapter 12	Equivalence Relation Proofs
		Ordering/Posets		
Sept. 27	M	Discuss Appendices	Appendices A & B	
		Denseness of \mathbf{Q} in \mathbf{R}		
		Convincingness of proofs		
Sept. 29	W	Intermediate Value Theorem		Poset Proofs
		Continuous vs. Discrete		
		argument/condition pairs		
Oct. 1	F	Well Ordering Principle		
Oct. 4	M	Primeness in \mathbf{Z}		Continuous Proofs
		Equivalence of Definitions		
		Handout Take Home 2		
Oct. 6	W	Catch Up		
Oct. 8	F	Exam 2		
Oct. 11	M	Fall Break—No Class		
Oct. 13	W	Divisibility in \mathbf{Z}		Take Home 2

Date	Day	Plan	Reading	What's Due
Oct. 15	F	GCDs and LCMs		
Oct. 18	M	3.8	First Z Proofs	
Oct. 20	W	3.8/4.1	WebWork Set 9	
Oct. 22	F	4.1	Group Work Set 8	
Oct. 25	M	4.2		
Oct. 26	T	Tuesday--No Class		Last Day to Withdraw
Oct. 27	W	4.3		
Oct. 29	F	4.5	Group Work Set 9	
Nov. 1	M	Review	Group Exam 3	
Nov. 3	W	Exam 3		
Nov. 5	F	4.6		
Nov. 8	M	4.6		
Nov. 10	W	4.6	WebWork Set 12	
Nov. 12	F	4.9	Group Work Set 10	
Nov. 15	M	5.1		
Nov. 17	W	5.1/5.2	WebWork Set 13	
Nov. 19	F	5.3	Group Work Set 11	
Nov. 22	M	5.4		
Nov. 24-26	W-F	Thanksgiving-- No Class		
Nov. 29	M	5.4		
Dec. 1	W	5.4	WebWork Set 14	
Dec. 3	F	Exam 4		
Dec. 6	M	Grand Finale		