

(as of Monday, 25 August 2014)

MATH 2603	Weekly Schedule for Discrete Mathematics-Fall Semester 2014	Sects	Week
Chapter 1	Sets and Logic		
August 25, 27, 29	1.1. Odds 1-49, all 50-54, 56, Odds 57-89, all 91-93. Sec 1.2. Odds 1-53, Odds 67-74	1.1, 1.2	1
	1.3. Odds 1-49, all 50-55, Odds 57-73	1.3	
Sept 3,5	No Class Monday, Labor Day. 1.4. 1-15; 1.5 Odds 1-41, Odds 49-67	1.4, 1.5	2
Sept 8, 10, 12	1.6. All 10-13, All 28-32, All 42-59 All 77-79, 2.1. All 1-15; Odds 17-29;Thirds 31-62	1.6;2.1	3
Chapter 2	Proofs, especially Mathematical Induction		
	2.2. All 1-17; 43,47,48,49	2.2	
Sept 15, 17, 19	2.3. No Problems. 2.4. All 1-9, 12, 14, 15, 17, 21, 23, 27. Problem Solving Corner	2.4, 2.5	4
Sept 22, 24, 26	2.5. Problems 1 and 2. 3.1. All 1-5, Odds 7-39; 49, 50, 51.	3.1, 3.2	5
	Exam 1 will be Wednesday, September 24, 2014 in Class Time.		
	Exam 1 covers Chapters 1 and 2 (as we have covered)		
Chapter 3	Functions, Sequences, Relations		
Sept 29, Oct 1, 3	3.2. Will cover some problems in class for notations, language. 3.3. All 5-8, All 13-23, Odds 25-33, All 37-41, Odds 43-49. 3.4. All 1-7, Odds 15-19, All 31-33 PROB SOL COR	3.3, 3.4	6
Oct 6, 8, 10	Brief coverage of 3.5.		7
	Chapter 4. Algorithms. Brief overview 4.1-4.3. Covered in CSCE curriculum		
	4.4. Fibonacci Sequence(s) and Recurrence relations. 4.4. 8, 11, All 18-24, All 26-28	4.4	
Oct 13, 15, 17	Some basic number theory proofs, divisibility in the integers, division algorithm.	5.1, 5.3	8
	5.1. Odds 13-25, All 27-29. 5.3. Odds 1-9		
	Chapter 6. Counting Principles, Binomial Theorem, Pigeon Hole Principle		
	6.1. Odds 1-11, All 15-37; All 41-51; Odds 53-59, All 64-67, 70, 77, 79, 80, 84	6.1	
October 22 & 24	No Class on Monday and Tuesday (Fall Break)	6.2, 6.3	9
	6.2. All 1-72; 6.3. All 1-26, 31, all 36-42. SKIP 6.4		

Oct 27 ,29, 31	Exam 2. Monday October 27.		10
	Exam 2 covers the sections in 3-5 that we have covered as well as 6.1-6.3		
	6.5. Odds 5-21. 6.6 Birthday Problem only	6.5, 6.6	
Nov 3, 5, 7	6.7. All 1-9, Odds 11-15, 20, 22. 6.8. 1-12. Brief excursion into Recurrence. (Chap 7)	6.7, 6.8	11
	8.1. All 5-25, 8.2. Odds 1-25, 29, 32, 34, All 45-48 Prob Solving Corner page 399	8.2. 8.2	
Nov 10, 12, 14	8.3. All 1-16. Will not cover 8.4. 8.5. All 1-6, Odds 7-19, 24, 25	8.3, 8.5	12
Nov 17, 19, 21	8.6. Odds 1-13, All 17-29. 8.7. All 1-11, 13. 9.1. Odds 1-21.	8.6, 8.7	13
	Exam 3. Friday or Monday	9.1	
November 25.	Thanksgiving--No class on Wednesday, Thursday or Friday. Monday/Tuesday only		
Dec 1, 3, 5	9.2 Odds 1-15. All 22-26. 9.3. 1, 3, 4, 5, 7, 8. Not covering 9.4. 9.5 if time	9.2, 9.3	14
		9.5	
Dec 8, 10 (M,W)	Catch Up. Review for Final.		15
12-Dec	Dead Day. No Class		
15-Dec-14	Monday 8 am to 10 am is the Final Exam. Comprehensive. Room JBHT 144		