

HOMEWORK LIST

Sp '09

COURSE: MATH 103 -- INTRODUCTION TO CONTEMPORARY MATHEMATICS

TEXT: TOPICS IN CONTEMPORARY MATH, 8TH EDITION

UNIT 1: STATISTICS

- Do all the listed problems. I will grade at least one of the starred problems. Your homework score is made up of two parts: "Attempts" and "Graded Problems."
- In general, I am looking for more than the "right answer". I am looking to see that you can present that solution in a way that makes sense to a reader -- a reader should never be expected to "know what you mean". You should back up statements with evidence. You should use complete sentences where appropriate. You should use good format in presenting your results.
- **Work must be shown for credit.** Do not just write a number down -- show work and proper set up where appropriate. Never make your reader guess at what you are doing.
- Label problem numbers and sections clearly. Problems should be in order. Be careful when stapling so that problem numbers are still visible! Please label any computer output clearly.

	Section	Turn-In Exercises (* may be graded)	Tentative Due Date
<i>Collecting Data</i>	1.1	3, 6*	Jan 29
	1.2	2*, 4*, 6, 8	Jan 20
	1.3	2, 8*, 10	Jan 29
	1.4	4*	Jan 29
	Chapter Review	None	--
<i>Describing Data</i>	2.1	2, 7*	Feb 2
	2.2	2, 6*	Feb 2
	2.3	2, 6	Feb 2
	2.4	2, 4, 6*	Feb 9
	2.5	2, 4, 8*	Feb 9
	2.6	None	--
	2.7	4, 7*, 16*, 18	Feb 9
Chapter Review	None	--	
<i>Regression</i>	3.1	4*, 7, 12, 14	Feb 13
	3.2	2, 15	Feb 13
	3.3	6, 7, 12*	Feb 13
	3.4	2, 4*, 6, 8*, 10	Feb 13
	3.5	None	Feb 13
Chapter Review	None	--	
		EXAM 1	Feb 17
<i>Probability</i>	4.1	2, 4*, 8, 12	Feb 27
	4.2	2*, 8	Feb 27
	4.3	1, 2, 4*, 6, 8*, 12, 14	Feb 27
	4.4	3*, 7	Mar 3
	4.5	2*	Mar 3
Chapter Review	None	--	
<i>Confidence Intervals</i>	5.1	3, 4, 7, 8	Mar 9
	5.2	2, 16, 18*, 21*	Mar 9
	5.3	4, 5*, 6, 10*, 24	Mar 9
	Chapter Review	None	--
		EXAM 2	Mar 12
		EXAM 3	Apr 14
		EXAM 4	May 15

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UNIT 2: GRAPH THEORY

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<i>Basic Def / Euler Circuits</i>	6.1	2*, 4, 10, 14, 21*	Mar 31
	6.2	4, 5	Mar 31
	6.3	6, 10*, 13, 14	Mar 31
	6.4	2, 6, 8*	Mar 31
	6.5	2, 4*, 10	Mar 31
	6.6	None	--
	Chapter Review	None	--
<i>Hamiltonian Circuits</i>	7.1	2, 19, 24*, 30, 35	Apr 7
	7.2	2, 9*, 10*, 11*	Apr 7
	7.3	14*, 15*, 16*, 20, 21, 22, 23	Apr 7
	Chapter Review	None	--
<i>Misc Topics</i>	8.1	none	Apr 14
	8.2	none	Apr 14
	8.3	2, 4, 8*, 10	Apr 14
	8.4	2, 4, 6*	Apr 14
	Chapter Review	None	--
		EXAM 3	Apr 14
		EXAM 4	May 15

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UNIT 3: MISCELLANEOUS TOPICS

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<i>Voting Methods</i>	9.1	2, 4	Apr 21
	9.2	2, 6*	Apr 21
	9.3	None	--
	9.4	2	Apr 21
	9.5	None	--
	9.6	3	Apr 21
	9.7	None	--
	9.8	None	--
	Chapter Review	None	--
<i>Growth Models</i>	11.1	2, 6*, 10, 17, 18, 23*	May 1
	11.2	2, 4*, 12	May 1
	11.3	2*, 10	May 1
	11.4	10, 12*, 14, 18, 20	May 1
	Chapter Review	None	--
<i>Tiling and Symmetry</i>	12.1	2*, 6	May 5
	12.2	7*, 8, 12	May 5
	12.3	10	May 5
	12.4	None	--
	Chapter Review	None	--
		EXAM 4	May 15