

JUNE 2017

MATH 1060

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
				1	2	3
4	Chapter 1 5 Graphs and mathematical abstraction.	Chapter 1 6 Euler's Theorem	Chapter 1 7 Chinese postman problem and Eulerizing graphs	Chapter 2 8 Traveling salesman and Hamiltonian circuits.	Chapter 2 9 Algorithms, Optimal Ham. circuits, greedy algorithms	10
11	Chapter 2 12 Spanning trees, Kuraskal's algorithm Chapter 1 HW due	Chapter 3 13 Scheduling (3.1)	Chapter 3 14 Critical-Path Schedules (3.2)	Chapter 3 15 Resolving conflict via coloring (3.5) Chapter 2 HW due	Catch up and Review 16	17
18	Test 1 19 Chapter 3 HW due	Chapter 9 20 Majority rule and Condorcet's method (9.2)	Chapter 9 21 Voting systems with more than two candidates (9.3), sequential pairwise voting, Hare system	Chapter 9 22 Arrow's impossibility theorem (9.4), approval voting (9.5)	Chapter 10 23 Manipulability of voting systems (10.3)	24
25	Chapter 10 26 Gibbard-Satterthwaite Theorem (10.3 cont) Chapter 9 HW due	Chapter 11 27 Shapley-Shubik and Banzhaf power indices (11.2,11.3)	Chapter 11 28 Permutations and combinatorial reasoning	Chapter 11 29 Comparing voting systems, winning coalitions Chapter 10 HW due	Catch up and Review 30	1

JULY 2017

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SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
2	3 <i>Test 2</i> Chapter 11 HW due	4 <i>No class – holiday</i>	5 <i>Chapter 13</i> Adjusted winner allocation (13.1)	6 <i>Chapter 13</i> Knaster inheritance (13.2), divide and choose (13.5)	7 <i>Chapter 13</i> Cake division procedures (13.6-7)	8
9	10 <i>Chapter 14</i> Apportionment, quotas	11 <i>Chapter 14</i> Hamilton and Jefferson methods	12 <i>Chapter 14</i> Divisor, Webster, and Hill-Huntigton Methods Chapter 13 HW due	13 <i>Chapter 14</i> What's the best method?	14 <i>Catch up and Review</i>	15
16	17 <i>Test 3</i> Chapter 14 HW due	18 <i>Chapter 16</i> Check digits (16.1), zip codes (16.2)	19 <i>Chapter 16</i> Bar codes (16.3)	20 <i>Chapter 16</i> Encoding personal data (16.4)	21 <i>Chapter 17</i> Binary codes (17.1), Parity check sums (17.2)	22
23	24 <i>Chapter 17</i> Data compression (17.3) Chapter 16 HW due	25 <i>Chapter 17</i> Cryptography (17.4)	26 <i>Finish up and review</i>	27 <i>Review</i> Chapter 17 HW due	28 <i>Final exam:</i> <i>3:30pm – 6:30pm</i>	29
30	31					