June 2017
Math 1060

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
3				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 Drop/Add Deadline	10
11	*Chapter 2* 12 Spanning trees, Kurskal'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 Withdrawal Deadline	*Catch up and Review* 30	1

July 2017
Math 1060

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