

Schedule Math 10120 Fall 2020

Note exams and in-class quizzes in boldface!

Date	Day	Sect.	Topic	HW due
–	–	–	Learning WebAssign.	08/18 2AM
08/10	Mon.	6.1	Sets.	08/18 2AM
08/12	Wed.	6.2	Counting elements of a set with Venn diagrams, and inclusion-exclusion principle.	08/18 2AM
08/14	Fri.	6.3	Basic Counting principles including Multiplication Principle.	08/19 2AM
08/17	Mon.	6.4	Permutations.	08/21 2AM
08/19	Wed.	6.5	Combinations.	08/26 2AM
08/21	Fri.	6.5/6.6	Combinations/Mix of counting probs.	08/28 2AM (§6.6)
08/24	Mon.	6.6	A mixture of counting problems.	–
08/26	Wed.	6.7	Partitions.	08/31 2AM
08/28	Fri.	7.1	Introduction to Probability. <b>Quiz 1</b>	09/09 2AM
08/31	Mon.		Review for Exam 1.	–
09/02	Wed.		<b>Exam 1, in class</b>	–
09/04	Fri.	7.1/7.2	Probability and equally likely outcomes.	09/11 2AM (§7.2)
09/07	Mon.	7.2	Equally likely outcomes.	–
09/09	Wed.	7.3	Compound Events, Union, Intersections and Complements.	09/14 2AM
09/11	Fri.	7.4	Conditional Probability. <b>Quiz 2</b>	09/18 2AM
09/14	Mon.	7.4/7.5	Conditional Probability and Independence.	09/21 2AM (§7.5)
09/16	Wed.	7.5	Independence.	–
09/18, 09/21	Fri., Mon.	7.6	Bayes Theorem. <b>Quiz 3</b>	09/23 2AM
09/23	Wed.	8.1	Frequency Distributions.	09/28 2AM
09/25	Fri.	8.2	Measures of Central Tendency.	09/28 2AM
09/28	Mon.		Review for Exam 2.	–
09/30	Wed.		<b>Exam 2, in class.</b>	–
10/02	Fri.	8.3	Measures of dispersion.	10/07 2AM
10/05	Mon.	8.4	Random Variables and Probability Distributions.	10/12 2AM
10/07	Wed.	8.4/8.5	Random Variables/Expected Value.	10/14 2AM (§8.5)
10/09	Fri.	8.5	Expected value of a random variable. <b>Quiz 4</b>	–
10/12	Mon.	8.6	Bernoulli Experiments and Binomial Distribution.	10/16 2AM
10/14	Wed.	8.7	Normal Distribution.	10/21 2AM
10/16	Fri.	8.7	Normal Distribution.	–
10/19	Mon.	3.1	Linear Inequalities in two variables.	10/23 2AM
10/21	Wed.	3.2	Solutions of systems of linear inequalities.	10/26 2AM

10/23	Fri.	3.3	Linear Programming. <b>Quiz 5</b>	10/30 2AM
10/26	Mon.	3.3	Linear Programming.	–
10/28	Wed.		Supplementary Notes: Matrices.	–
10/30	Fri.		catch up.	–
11/02	Mon.		Review for Exam 3. –	
11/04	Wed.		<b>Exam 3, in class.</b>	–
11/06	Fri.	9.1	Two person Games.	11/12 2AM
11/09	Mon.	9.1	Two person Games.	–
11/11	Wed.	9.2	Mixed Strategy (overview).	–