

Math 130A Spring 2022 Syllabus

Topics will be updated as we go through the term.

Week	Date	Sections covered	Assessments
1	Mon 3/28	Ch 1: Intro	
	Wed 3/30	Permutations	
	Fri 4/1	Combinations	
2	Mon 4/4	Ch 2: Sample Spaces	
	Wed 4/6	Axioms and Identities	HW/Quiz 1
	Fri 4/8	Equal Likelihood Problems	
3	Mon 4/11	(cont)	
	Wed 4/13	Ch 3: Conditional Probability	HW/Quiz 2
	Fri 4/15	Bayes' Formula	
4	Mon 4/18	(cont)	
	Wed 4/20	Independence	HW/Quiz 3
	Fri 4/22	(cont)	
5	Mon 4/25	Review	
	Wed 4/27		Midterm
	Fri 4/29	Ch 4: (Discrete) Random Variables	
6	Mon 5/2	(cont) Expectation & Variance	
	Wed 5/4	(cont)	
	Fri 5/6	Binomial distribution	
7	Mon 5/9	Poisson dist	
	Wed 5/11	Hypergeometric dist, etc.	HW/Quiz 4
	Fri 5/13	Sums of random variables	
8	Mon 5/16	Ch 5: Continuous Random Vars	
	Wed 5/18	Expectation & Variance	HW/Quiz 5
	Fri 5/20	Normal Distribution	
9	Mon 5/23	(cont)	
	Wed 5/25	Exponential Distribution	HW/Quiz 6
	Fri 5/27	(cont)	
10	Mon 5/30		Memorial Day Holiday
	Wed 6/1	Review	
	Fri 6/3	Review	
11	Wed 6/8		Final Exam 13:30-15:30