

Math/Stat 425 Syllabus

Date	Topic	Reference	Due
Sep 05	Combinatorics	Ch. 1	
Sep 10	Examples		
Sep 12	Probability Models	Ch. 2	
Sep 17	Details and Examples		
Sep 19	Conditional Probability and Independence	Ch. 3	PS#1
Sep 24	Details and Examples		
Sep 26	Discrete Random Variables	Ch. 4	
Oct 01	Details and Examples		
Oct 03	Continuous Random Variables	Ch. 5	PS#2
Oct 08	Details and Examples		
Oct 10	Course Review	Chs. 1 – 5	
Oct 15	Study Break		
Oct 17	MIDTERM EXAMINATION	Chs. 1 – 5	
Oct 22	Joint Distributions	Ch. 6	
Oct 24	Joint Distributions	Ch. 6	
Oct 29	Details and Examples		
Oct 31	Derived Distributions	Chs. 5-6	
Nov 05	Details and Examples		
Nov 07	Expectation	Ch. 7	PS#3
Nov 12	Examples		
Nov 14	Properties of Expectation	Ch. 7	
Nov 19	The Prediction Problem		
Nov 21	TBA		
Nov 26	The Law of Large Numbers	Ch. 8	PS#4
Nov 28	The Central Limit Theorem	Ch. 8	
Dec 03	Simulation	Ch. 10	
Dec 05	TBA		
Dec 10	Course Review	Chs. 1-8 & 10	PS#5
Dec 17	Final Exam, 1:30-3:30p for Section 002	Chs. 1-8 & 10	
Dec 18	Final Exam, 8:00-10:00a for Section 004		