Day	Date	Topic	Text
MON	5/21	1. Class description and logistics, Set theory	1.1
TUE	5/22	2. Probability Axioms and Probability Laws	1.1, 1.2
WED	5/23	3. Combinatorics	1.2, 1.6
THU	5/24	4. Combinatorics	1.6
FRI	5/25	5. Conditional probability, Independence	1.3, 1.4
SAT	5/26		
SUN	5/27		
MON	5/28	No Class, Memorial Day	
TUE	5/29	6. Law of Total Probability, Bayes theorem	1.4, 1.5
WED	5/30	7. Conditional Independence, Discrete random variables	2.1, 2.2
THU	5/31	8. Discrete random variables	2.1, 2.4
FRI	6/1	9. Expectation, Variance	2.3, 2.4
SAT	6/2		
SUN	6/3		
MON	6/4	10. Variance, Joint distributions (Discrete)	2.4, 2.5
TUE	6/5	11. Joint distributions (Discrete)	2.6, 2.7
WED	6/6	12. Conditioning (Discrete)	2.7, 4.2
THU	6/7	Review	
FRI	6/8	Midterm	
SAT	6/9		
SUN	6/10		
MON	6/11	13. Continuous random variables	3.1, 3.2
TUE	6/12	14. Continuous random variables	3.1, 3.3
WED	6/13	15. Joint PDFs (Continuous)	3.4
THU	6/14	16. Joint PDFs, Conditioning (Continuous)	3.5
FRI	6/15	17. Derived distributions, Convolution	4.1
SAT	6/16		
SUN	6/17		
MON	6/18	18. Moment Generating Functions	4.4
TUE	6/19	19. Concentration Inequalities, Law of Large Numbers	5.1, 5.2, 5.3
WED	6/20	20. Convergence in Distribution, Central Limit Theorem	5.4
THU	6/21	21. More Limit Theorems	
FRI	6/22	22. Markov Chains	7.1
SAT	6/23		
SUN	6/24		
MON	6/25	23. Markov Chains	7.4
TUE	6/26	24. Markov Chains	7.2, 7.3
WED	6/27	25 Markov Chains	
THU	6/28	Review	
FRI	6/29	Final Exam	

Assignment

HW 1 due

HW 2 due

HW 3 due

HW 4 due

Midterm

HW 5 due

HW 6 due

HW 7 due

HW 8 due

HW 9 Due

Final Exam

Notes