

Advanced Placement Statistics 2017-2018
Text: The Practice of Statistics by Starnes, Tabor, Yates and Moore; 5th Edition
Chapter Six – Probability: Random Variables

Day #63 Monday, 11/27	Topic: Section 6.1: Discrete and Continuous Random Variables Read pages 345 to 350 Start Ch. 6 vocabulary list Exercises p. 359 #1, 2, 3, 4, 5, 7
Day #64 Tuesday, 11/28	Topic: Means and Variances of Random Variables Read pages 350 to 355 Exercises p. 360 #10, 11, 13, 15, 17, 20
Day #65 Wednesday, 11/29	Topic: Continuous Random Variables & Section 6.1 Summary Video: Against All Odds: Unit 20: Random Variables Read pages 355 to 358 Exercises p. 361 #21, 23, 25, 26, 31, 32
Day #66 Thursday, 11/30	Topic: Section 6.2: Transforming Random Variables Read pages 363 to 369 Exercises p. 382 #35, 37, 41, 45, 46
Day #67 Friday, 12/1 HW #63-65 due	Topic: Combining Random Variables Read pages 369 to 378 Exercises p. 384 #47, 48, 51, 53, 54, 55
Day #68 Monday, 12/4	Topic: Section 6.2 Summary In class: Combining Math and Verbal SAT Scores Read p. 378 to 382 Exercises p. 385 #59, 60, 61, 62, 64, 65, 66
Day #69 Tuesday, 12/5	Topic: Section 6.3: Binomial Distributions Read pages 386 to 396 Exercises p. 410 #69 – 72, 75, 77, 79
Day #70 Wednesday, 12/6	Topic: Binomial Mean & Standard Deviation and the Normal Approximation Normal Approximation Applet p. 402 Read pages 397 to 404 Exercises p. 411 #73, 81, 83, 85, 87, 89, 92
Day #71 Thursday, 12/7 HW #66-69 due	Topic: Geometric Distributions Read pages 404 to 410 Exercises p. 413 #95, 96, 97, 98, 99
Day #72 Friday, 12/8 Project Report Due	Topic: Review for Chapter 6 Test In Class: Is it Significant? Read Summary page 415 Exercises p. 413 #101-105 & Case Closed p. 408 #1-5
Day #73 Monday, 12/11	Topic: Review for Chapter 6 Test Exercises p. 416 # R6.2, 6.3, 6.4, 6.5, 6.6
Day #74 Tuesday, 12/12 HW #70 to 73 due Ch 6 Vocab due	Topic: Chapter Six Test Assignment: Ch 6 Free Response for Folder Free Response Folder due Friday 12/15