Unit 4 – Probability, Random Variables, and Probability Distributions

10 – 20% Exam Weight

Day	Lesson and Objectives	Assignment
11/4	Activity: Intro to Probability	
11/5	Notes 1 – Basic Probability and Simulations	HW 1
11/6	Notes 2 – The Addition Rule	HW 2
11/7	Notes 3 – Venn Diagrams, Unions, and Intersections	HW 3
11/8	Notes 4 – The Multiplication Rule and Conditional Probability	HW 4
11/11	Unit 4 Circuit Review and Probability Review Worksheet	
11/12	Probability Summary Notes Unit 4 Circuit Review and Probability Review Worksheet	
11/13	Probability Quiz	
11/14	Notes 5 – Discrete and Continuous Random Variables	HW 5
11/15	Notes 6 – Combining Random Variables	HW 6
11/18	Activity: Introduction to the Binomial	
11/19	Notes 7 – The Binomial Distribution	HW 7
11/20	Notes 8 – The Geometric Distribution	HW 8
11/21	Activity: The Binomial Distribution of Blue Start Random Variable Review Homework	

11/22	Random Variables Summary Notes Random Variables Review Homework	Review Before RV Quiz Homework
11/25	Random Variables Quiz	
11/26	Stats-Giving Start Unit 4 Project (Due 12/9)	
12/2	Unit 4 Test Review Worksheet Work on Unit 4 Project	
12/3	Unit 4 Test Review Worksheet Work on Unit 4 Project	
12/4	Unit 4 Test All Unit 4 Assignments Due Today!	Work on Unit 4 Project (Due 12/9)