

Discrete Random Variables and Test 1**Weeks 3 and 4***September 11 through 20*

Date	Topic
September 11	Independence
September 13	Bayes' Theorem
September 18	Discrete random variables
September 20	Test 1
September 25	Expectation

Homework Assignments**4. Due Tuesday, September 11***Required work*

Read Sections 2.1

Exercises 1.4-2, 1.4-4, 1.4-6, 1.4-8, 1.4-12, 1.4-14, and 1.4-18 on pages 40 through 43

Optional work

All other exercises in Section 1.4

5. Due Thursday, September 13*Required work*

Review Section 2.1

Exercise 1.3-6 part (c) on page 31

Optional work

Revisions and other exercises from Sections 1.1 through 1.6

6. Due Tuesday, September 18*Required work*

Review Chapter 1 and Section 2.1

Exercises 1.5-2, (1.5-4 or 1.5-6), 1.5-8, 1.5-10, 1.5-12, 1.5-14, and 1.5-16
on pages 49 through 51

Exercises 1.6-2, 1.6-4, 1.6-6, and 1.6-8 on pages 55 and 56

Optional work

All other exercises in Sections 1.5 and 1.6

7. Due Thursday, September 20

Required work

Review Chapter 1 and Section 2.1

Exercises 2.1-2, 2.1-4, 2.1-6, 2.1-8, 2.1-10, 2.1-14 on pages 66 and 67

Optional work

Any other exercises in Section 2.1

Test 1 Review Problems

8. Due Tuesday, September 25

Required work

Read Sections 1.4 through 1.6 in Chapter 1

Exercise 2.2-2 on page 75

Optional work

Exercise 2.2-1 on page 73