

## **CSE 107**

### **Discussion Problems to Accompany Homework Assignment 1**

All problems are from *Introduction to Probability* (2<sup>nd</sup> edition) by Bertsekas and Tsitsiklis.

#### Section 1.2: Probabilistic Models

Problems: 5, 6, 8

#### Section 1.3: Conditional Probability

Problems: 14, 16, 17

#### Section 1.4: Total Probability Theorem and Bayes' Rule

Problems: 21, 27

#### Section 1.5: Independence

Problems: 31, 33, 34

#### Section 1.6: Counting

Problems: 53, 55