

# DM551 – Algorithms and Probability – 2018

## Lecture 3

### **Lecture, September 10**

We covered sections 6.6, 7.1 and up through Example 13 in section 7.2.

### **Lecture, September 11**

We will cover sections 7.2 and 7.3, and possibly begin on section 7.4..

### **Lecture, September 17**

We will cover section 7.4 (Example 9 will be done using the InsertionSort algorithm on the next lecture note, along with the analysis there. This is the preferred InsertionSort.)

### **Problems to be discussed on September 19**

1. Section 7.2: 6, 10, 12, 18, 30, 32
2. Read the part of Rosen Section 7.3 on Bayesian spam filters and discuss this in the class (consider problem 15).
3. Section 7.3: 2, 4, 8, 10