

### **HOMEWORK 3 MATH 104, SECTION 4**

**Office Hours:** Tuesday 2:30-4pm and Wednesday 5:15-6:45pm at 735 Evans.

**Nima's Office Hours:** Monday 8-12, Tuesday 9-12 and Wednesday 9-11am at 1010 Evans.

#### **PROBLEM SET**

Submit your homework at the beginning of the lecture on Tuesday. A select number of problems will be graded. *Late homework will not be accepted under any circumstances.*

You are encouraged to discuss the problems with your classmates, but you must write your solutions on your own and acknowledge collaborators/cite references if any.

Write clearly! Mastering mathematical writing is one of the goals of this course.

You have to staple your work if it is more than one page.

#### **Due September 17:**

- Ross, Exercise 8.4, 8.8(b), 8.10
- Ross, Exercise 9.4 (justify all the steps using limit theorems)
- Ross, Exercise 9.10(a), 9.12, 9.14
- Ross, Exercise 10.2, 10.10

#### **READING**

There will be reading assigned for each lecture. You should come to the class having read the assigned sections of the textbook.

**Due September 19:** Ross, Section 10