

## Stat 241/251 Introductory Probability & Statistics (Summer Session 2014/15 Term 1)

**Course Description:** Probability, discrete and continuous random variables, probability distributions, estimation, hypothesis testing, regression, analysis of variance.

**Prerequisites:** One of MATH 200, 217, 226, 253, 263.

**Instructor:** Melissa Lee (Location: ESB 3164, Email: [melissa.lee@stat.ubc.ca](mailto:melissa.lee@stat.ubc.ca))

**Office hours (instructor):** Tuesdays 2 – 3pm, and by appointment

**Teaching assistants:** To be announced

**Course Website:** [connect.ubc.ca](http://connect.ubc.ca)

**Textbook:** Course notes (free, download from website)

**Clickers:** We will be using the i>Clicker in lectures. i>Clicker is a response system that allows you to respond to questions posed by instructors during class, and you will be graded on your participation and performance. You are required to purchase an i>Clicker remote for in-class participation. You must register your clicker on Connect at the start of the term.

**Labs:** Labs start the first week of class. You will have registered for a lab when you enrolled in the course, and only under exceptional circumstances should you switch from this session to another.

### Course Assessment:

Assessment	Date	Percentage
Class participation and performance via i>clicker	in-class	5%
WeBWork Online homework	Weekly	10%
Written assignments (x2)	Thursday May 28 <sup>th</sup> and Thursday Jun 11	10%
Labs	Weekly	8%
Midterm	Thursday June 4 <sup>th</sup> in class	20%
Final Exam (you must pass the final to pass the course)	To be scheduled by Classroom Services	47%

**Policy regarding missing the midterm or final exam:**

1. There will be NO make-up exam
2. Students who miss an exam should notify the instructor prior to (if possible) or immediately after the exam. Students must supply a supporting document (for example, a doctor's note will be sufficient in case of a medical emergency) within one week of the day of exam. Documents submitted after one-week time will NOT be accepted and a mark of zero will be given.

**Examination Aids:**

The following examination aids will be permitted for midterms and final examinations: calculators, statistical tables and a single A4 (8.5x11) aid sheet. The calculator must be a basic scientific model; calculators with graphics, programming or text storage capabilities are not allowed. Statistical tables will be provided to you on the day of the midterm or exam. Bring your student ID to the midterm and the final exam.

It is important to note that the A4 aid sheet has to be handwritten (no printed material, nor photocopies allowed). You may write any notes and formulas that you feel are useful and you may use both sides.

**Chapters to be covered:** 1, 3 - 8, 10, 11

Detailed learning outcomes can be found on the course website. Refer to this document throughout the course to clarify the outcomes you are expected to attain for each section of the material.