

**Stat 241/251 Introductory Probability & Statistics/Elementary Statistics
(Winter Session 2017/18 Term 2)**

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

Prerequisites: One of MATH 101, MATH 103, MATH 105, MATH 121, SCIE 001.

Instructor: Lasantha Premarathna

Office hours (instructor): TBA

Teaching assistants: To be announced

Course Website: connect.ubc.ca

Textbook: Course notes (free, download from website)

Additional references: Any recent editions “Probability and Statistics for Engineering and the Sciences” (by J.L. Devore)

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. You are required to purchase an i>Clicker remote for in-class participation. You must register your clicker on Connect by TBA

Labs: Labs start the second 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 via i>clicker	in-class	5%
WeBWork Online homework	Weekly	10%
Labs	Weekly	8%
Written Assignment	TBA	6%
Midterms (x2)	TBA	26%
Final Exam (you must pass the final to pass the course)	To be scheduled by Classroom Services	45%

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.

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 midterms or exam. Bring your student ID to midterms 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, 2 & 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.

Reach Out for Success

University students often encounter setbacks from time to time that can impact academic performance. Discuss your situation with your instructor or an academic advisor. Learn about how you can plan for success at: www.students.ubc.ca.

For help addressing mental or physical health concerns, including seeing a UBC counsellor or doctor, visit: www.students.ubc.ca/livewelllearnwell.