

STAT 4100: Statistical Inference I (Fall 2014)

Instructor	Dr. Liqun Wang Office: 332 Machray Hall; Phone: 204-474-6270 Email: liqun.wang@umanitoba.ca
Lectures	Monday/Wednesday: 1:00 pm - 2:15 pm, room 316 MH
Tutorial	Friday: 1:00 pm - 2:15 pm, room 316 MH
Office Hours	Tuesday/Wednesday: 2:30 pm - 3:30 pm
Marking Scheme	Final grade will consist of two tests and one final exam. Their weights and tentative schedules are: Test #1 25% October 6, 2014, in class. Test #2 25% November 3, 2014, in class. Exam 50% Scheduled by university.
Homework	There will be no formal assignments. Supplementary problems will be given in the class but they are not to be handed in for credits.
Textbook	There is no required text, but the following books are recommended.
References	Hogg, McKean, Craig: Introduction to Mathematical Statistics, 7th ed. Pearson, 2013. Casella, Berger: Statistical Inference, 2nd ed. Brooks/Cole, 2002. Lehmann, Casella: Theory of Point Estimation, 2nd ed. Springer, 1998.
Contents	The following topics will be covered: 1. Statistics and sampling distributions 2. Methods of point estimation 3. Sufficiency and completeness 4. Decision theory and Bayes estimation 5. Asymptotic theory

Academic Dishonesty: I wish to draw your attention to the sections in The University of Manitoba Undergraduate Calendar dealing with academic integrity, including plagiarism, cheating and examination impersonation.

Important note from the Faculty of Science:

It is your responsibility to insure that you are entitled to be registered in this course. This means that you have:

- the appropriate prerequisites, as noted in the calendar description, or have permission from the instructor to waive these prerequisites;
- not previously taken, or are concurrently registered in, this course and another that has been identified as "not to be held with" in the course description. For example, BIOL1000 cannot be held for credit with BIOL 1020.

The registration system may have allowed you to register in this course, but it is your responsibility to check. If you are not entitled to be in this course, you will be withdrawn, or the course may not be used in your degree program. There will be no fee adjustment. This is not appealable. Please be sure to read the course description for this and every course in which you are registered.

EXPLORER INNOVATOR PIONEER ADVENTURER VISIONARY TRAILBLAZER

IN THE CASE OF A FIRE ALARM:

- REMAIN CALM
 - IF IT IS SAFE, EVACUATE THE CLASSROOM OR LAB
 - GO TO THE CLOSEST FIRE EXIT
 - DO NOT USE THE ELEVATORS
- IF YOU NEED ASSISTANCE TO EVACUATE THE BUILDING,
INFORM THE INSTRUCTOR **NOW**
- IF YOU NEED TO REPORT AN INCIDENT OR A PERSON LEFT BEHIND DURING A BUILDING EVACUATION, CALL
SECURITY SERVICES 204-474-9341
 - **DO NOT REENTER THE BUILDING**
UNTIL THE **"ALL CLEAR"** IS DECLARED BY A FIRE WARDEN,
SECURITY SERVICES OR THE FIRE DEPARTMENT



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