

STA107H1F: Introduction to Probability (Fall, 2006)

STA107 is a basic probability course designed for undergraduate level students from various departments who are interested in a fundamental, mathematical treatment of probability theory and methods.

Course Homepage: <http://ccnet.utoronto.ca/20069/sta107h1f/>

Instructor: Zi Jin
Office: SS6025B

Email: jin@utstat.toronto.edu
Office Hour: 12~1 Friday

Conduct in class: Teaching a large size class requires total cooperation from all students in the course. In lectures and tutorials, students are expected to refrain from making noise or interfering with the teaching environment. Only if there is a relevant question are students encouraged to ask the instructor or TA by way of raising one's hand silently. Discussing questions with other students during class lectures is not allowed nor tolerated.

Time and Place: MWF 11~12. First class Sept. 11. Last class Dec. 8. SS 2106.

Textbook: Gaeed Ghahramani (2005), Fundamentals of Probability with Stochastic Processes (3rd Ed.). Prentice Hall.

Prerequisites: There is no prerequisite. But it is strongly recommended that you meet the **co-requisite:** MAT135Y/137Y/157Y (MAT137Y/157Y is strongly recommended; and MAT133Y is not an acceptable substitute). If you have a problem with the co-requisite, you should consider it seriously, and you may need to talk to you College registrar as early as possible, because any difficulty in keeping up with the course may lead to a failure or very low mark in the course.

Syllabus: We will follow the textbook fairly closely. The course will cover Ch1 (excluding 1.5, 1.6 & 1.7), Ch2 (excluding 2.5), Ch3 (excluding 3.6), Ch4 (excluding 4.6), Ch5, Ch6, Ch7 (excluding 7.5 & 7.6), Ch8 (excluding 8.4), and Sections 11.1 & 11.5.

Evaluation:

Assignment 1 (10%): assigned on Wed Sept.20, due by tutorial on Wed Oct. 4.

Assignment 2 (10%): assigned on Wed Oct. 25, due by tutorial on Wed Nov. 8.

Term Test 1 (20%): 11~12 Wed Oct. 11.

Term Test 2 (20%): 11~12 Wed Nov.15.

Final Exam (40%):

Tutorials: Wed 12~13 (Sept. 20- Dec.6)

Section	Location	Surnames	TA	Email
A	BA 1240	A-J	Xuezhen Dai	xuezhen@utstat.toronto.edu
B	LM 155	K-O	Ying Qi	ying@utstat.toronto.edu
C	SS 1074	P-Z	Hanchun Zhu	hanchun@utstat.toronto.edu

Note: Each TA is also being paid for a few hours for individual student consultation. If you have questions, feel free to contact your TA.

Stat Aid Center: TAs' office hours are only arranged before tests/final exam in Stat Aid Center (SS2133). Regular help is available at New College Stat Aid Center.

Note:

1. It is strongly recommended that you submit your assignments to the TAs before tutorials begin (unless specified otherwise). If you can not do so, you can also hand it in to the instructor at the beginning of class, to the instructor's office or TAs by appointment. **But there will be a penalty of 10% per day of lateness reduction in mark**, unless you have a **legal** reason with an **official** proof. No other ways of submitting the homework are acceptable. (Don't submit assignments to the department office or put it in anyone's mailbox.) Students should also keep copies or at least drafts of all the submitted term work until it is returned in case of the term work becomes missing by any chance.
2. If you disagree with the marks on your assignments or tests, you have the right to discuss it with the instructor or TAs, and ask for a remark **within one month of the date when the work was originally graded**. Students are responsible for picking up their returned assignments and tests at the designated time and place as notified in advance.
3. If you can not attend the tests/final exam for **legal** reasons, you need to notify the instructor as soon as possible with providing **official** documents (medical note, police's proof, etc..) Under any other circumstances, makeup test is not allowed.
4. If you are considering adding or dropping a course, you must do it **officially**. You should consult your College Registrar or refer to the Academic Handbook of Faculty of Arts and Science about any issues you may have.

CQUEST: a computing facility for undergraduate students. Computing work is not required in this course. However, students may be interested in starting with statistical computing techniques to help them understand the course content.