

STA257H – PROBABILITY AND STATISTICS I

Fall, 2002

Lectures: Mondays 3:10–5:00 p.m. in BA 1160
Wednesdays 3:10–4:00 p.m. in LM 159
Instructor: A. Gibbs
E-mail: alison.gibbs@utstat.toronto.edu
Web page: www.utstat.toronto.edu/alisong/Teaching/sta257.html
Office: SS 6026E
Phone: 946-7589
Office hours: Mondays 2:10–3:00 p.m.
Thursdays: 10:00–11:00 a.m. or by appointment

This is a first course in mathematical statistics, with emphasis on the required probability theory. Topics to be covered: probability models, random variables, discrete and continuous distributions, multivariate models, large-sample limiting results, some statistical applications.

Textbook

The textbook is Richard L. Scheaffer, *Introduction to Probability and its Applications*, 2nd edition. A solutions manual is sold bundled with the text.

Evaluation

The grading scheme is the following:

Quizzes 15% Take place most weeks in tutorial.
Term Test 35% To be held on Monday, October 28 during lecture time (room TBA).
Final Exam 50%

Tutorials

Tutorials are Wednesdays 4:10 - 5:00 p.m. beginning Wednesday, September 18. You should attend the tutorial section as follows depending on the first letters of your surname:

Tutorial	Location	Surname beginning with
A	LM 123	A–C
B	UC 256	D–Lai
C	WI 523	Lam–Ne
D	UC 152	Ng–Tj
E	UC 328	Tr–Z

Notes

- This course requires a strong background in calculus. MAT 235 or MAT 237 is an essential corequisite.
- The test will be held during lecture time and will cover all material discussed in lecture up to that time. It will be closed book with no aids allowed. If the test is missed for a valid reason, you must submit appropriate documentation to the Course Instructor (Alison Gibbs) or the Departmental Office (SS 6018) within one week of the test. Print on it your name, student number, course number, and date. If documentation is not received in time, your test mark will be zero. If the test is missed for a valid reason, its weight will be shifted to the final exam.
- Quizzes will be held most Wednesdays in tutorial. They will usually take approximately 10 - 15 minutes. The purpose of quizzes is to encourage you to keep up with the course material. They will not necessarily be representative of the questions on the term test or exam and will generally be easier than the test and exam.
- Practice problems will be assigned weekly in lecture. They are not to be handed in. They will be appropriate preparation for the quizzes.