STA257 – Probability and Statistics I

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Office Hours	Any time
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Course Website	http://portal.utoronto.ca
Github	https://github.com/sta257-fall-2016

General Information

The course website will be an important source of official news and information. The github website will keep the lecture notes. Note that the HTML versions are official and would be updated if necessary after class, but the PDF versions are only for convenience for use in class and will not be subsequently updated.

The course is a mathematically rigorous introduction to probability, with applications chosen to introduce concepts of statistical inference. Probability and expectation, discrete and continuous random variables and vectors, distribution and density functions, the law of large numbers. The binomial, geometric, Poisson, and normal distributions. The Central Limit Theorem.

Required Text

Mathematical Statistics and Data Analysis, 3rd Edition by Rice

Evaluation

The grading scheme will be as follows:

- **25%** – Term test held on 2016-10-03, during class time, location TBA.

- **25%** – Term test held on 2016-11-14, during class time, location TBA.

- **50%** – Final exam held during the exam period and will cover the entire course.

Missed Term Work

You should not tests when you are sick. It is far, far better to miss a test with some documentation than it is to write a test in the middle of an illness and ask for special consideration after the fact.

Missed term work due to any other reason will require similar, if not more stringent documentation.

The weight of any missed term work will be apportioned to the other components of the final grade.

Reviewing Marks

It is very important that your work be evaluated fairly. The instructor is committed to ensuring that a fair evaluation takes place, from the setting of test questions, to the time you are given to complete the work, to the physical environment in which the evaluation takes place, and to the marking of the work itself.

You are allowed to have your marks reviewed if you believe there has been an error made. For this course you must follow the following procedures:

1. Make sure the total mark you received is the sum of the marks awarded per question and that all work was marked. If not, you must notify the TA immediately to have the error corrected.

2. If you disagree with the number of marks awarded return your work to the instructor or a TA along with a **written** description of your complaint. A TA will provide a **written** response to you.

3. If you cannot resolve your complaint with the TA you may as a last resort submit the work to the instructor. The instructor will remark it *in its entirety* and the mark you receive will be final.

4. The TAs will be instructed not to enter into verbal discussions over marks. Trust me—the will be glad to hear of this policy! Endless arguments over marks by students who seek merely to wear down the TA are time consuming and stressful.

All matters relating to the final exam fall under the jurisdiction of the Faculty of Arts and Science. Consult its regulations for further details.