Sta347H1 F 2012 Course Information

This course is an introduction to probability from a non-measure theoretic point of view. Random variables/vectors; independence, conditional expectation/probability and consequences. Various types of convergence leading to proofs of the major theorems in basic probability. Simple stochastic processes such as Poisson process will be introduced if time permits.

Instructor Zhou Zhou, Office: SS6026B.
Phone: (416) 978-4032.
Email: zhou @ utstat.toronto.edu (The best way to reach me is via email).
Office Hours: Thursdays 3:00pm to 5:00pm at SS6026B.

TAs Mark Koudstaal. Email:markk@utstat.utoronto.ca.
Office hour: TBA.
Alexander Shestopaloff. Email: alexander@utstat.utoronto.ca.
Office hour: TBA.
Weichi Wu. Email:weichi.wu@mail.utoronto.ca.
Jinyoung Yang. Email:jinyoung@utstat.utoronto.ca.

Lectures Thursdays 6pm to 9pm; from September 13th to November 29th. Held in BR 200.

Textbook R. L. Scheaffer and L. J. Young, **Introduction to Probability and Its Applications, third edition**. Brooks/Cole Cengage Learning, 2010.

Evaluation Final exam: **55%** (Scheduled by the Faculty) Cumulative.
Mid-term test: **35%** (Oct. 11th 6-8pm in class)
HWs: **10%** Four times. The lowest HW score will be dropped.

Syllables Week 1: Chapters 1 and 2.

Week 2: Chapter 3.

Week 3: Chapter 4.

Weeks 4 and 6: Chapter 5

Week 5: Midterm. Includes first four chapters.

Weeks 7 and 8: Chapter 6.

Weeks 9 and 10: Chapter 7.

Weeks 10 and 11: Chapter 8.

Week 12: Chapter 9.1 if time permits.